
First City Monument Bank

FCMB

Past Questions

& Answers

FCMB Aptitude Test for Graduates - Critical Reasoning

These questions are designed to test your ability to take a series of facts expressed in words and to understand and manipulate the information to solve a specific problem. They are not so much concerned with measuring your facility with English.

- 1) insurance policy covering fire damage to stock pays 70% of the costs for the first \$1,000 and all of the cost thereafter up to a total of \$7,000. Following a claim, the claimant had to pay an additional \$2,000 to replace damaged stock. How much was the stock worth?
- A. \$9,300
B. \$9,700
C. \$9,500
D. \$8,700
E. \$8,300

Explanation:

If the claimant had to pay an additional \$2,000, then the insurance company must have paid out 70% of \$1,000 plus \$7,000. This means the insurance company paid out \$7,700. The claimant paid an additional \$2,000 making the stock worth a total of \$9,700. Option B is the correct answer.

- 2) What is the next term in a sequence of numbers?

Statement 1 - The third term is 36.
Statement 2 - The second term is three times the first and the third term is three times the second.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient.
E. Statements 1 and 2 together are not sufficient.

Explanation:

To get the exact value of any term in a sequence of numbers, we need to know the exact value of any term and the relation between that term and the others. The first statement alone gives only the exact value of the third term. the relationship between different terms is not known. The second statement alone gives the relation between different terms but the exact value of any term is not known. Combining the two statements, we have all the required information. Hence both the statements together are required to answer the question, and option C is the correct answer.

- 3) 'X' is a positive integer. Is 'X' odd or even?

Statement 1 - 2X is even.
Statement 2 - The square of X is odd.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient.
E. Statements 1 and 2 together are not sufficient.

Explanation :
The first statement alone is not sufficient, since 2X is even for every integer whether it is odd or even.

For example:
 $2 \times 3 = 6$
 $2 \times 4 = 8$
The second statement alone tells us that the square of X is odd. The square of an even integer is always even and square of an odd integer is always odd. So if square of X is odd, then X must be odd. Since the second statement alone is sufficient to answer the question and the first statement alone cannot answer the question, B is the correct answer.

- 4) James was paid \$5 more for each day of work than he was paid for the preceding day of work. He was hired to work for five days. What was the total amount he was paid?

Statement 1 - He was paid twice as much for the last day as he was for the first.
Statement 2 - He had made half of the total by the end of the third day.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient.
E. Statements 1 and 2 together are not sufficient.

Explanation:

Firstly we need to work out the simple formula which will enable us to calculate how much James was paid. If x is the amount that James was paid on the first day, then he was paid, (x + 5), (x + 10), (x + 15) and (x + 20) for the remaining four days of work.

The total amount he was paid is (5x + 50). So if we determine x, we can find the total amount he was paid. The first statement alone is sufficient since after 3 days his total pay was 3x + 15. We are told that this is equal to half of 5x + 50.

This means that we can get the value of x by equating the two quantities. The second statement alone is sufficient since James was paid x + 20 on the last day and so $x + 20 = 2x$ which can also be equated to give x. Since each statement alone is sufficient to answer the question, Option D is the correct answer.

Note that you do not need to actually calculate the result – only to deduce that you need both pieces of information to do so.

- 5) People should be held accountable for their own actions. However, no person should be held accountable for actions over which they have no control.

Which of the following is the most logical conclusion of the argument above?

- A. People should not be held accountable for the actions of other people.
B. People have control over their own actions.
C. People cannot control the actions of other people.
D. Actions that cannot be controlled should not be punished.
E. People have no control over the actions of others

Explanation:

The most logical conclusion of the argument is that 'Actions that cannot be controlled should not be punished'. as this says exactly the same thing as the two individual statements.

Option D is the correct answer.

- 6) Kurt is a student of Spanish. All students study either Latin or English, but some students of English do not study Latin because they do not think it is a useful thing to know. Students of Spanish never study English. Therefore, Kurt must think Latin is a useful thing to know.

Which of the following must be true for the conclusion above to be logically correct?

- A. Spanish is more useful than English.
B. All students who think Latin is useful study it.
C. All students of Latin think it is a useful thing to know.
D. Latin is more useful than Spanish.
E. All students who find Spanish difficult study English.

Explanation:

The information given can be summarized as follows:
All students study either Latin or English.
Students of Spanish never study English.
Kurt is a student of Spanish and must therefore study Latin.

The statements are as follows:
A. Spanish is more useful than English.
B. All students who think Latin is useful study it.
C. All students of Latin think it is a useful thing to know.
D. Latin is more useful than Spanish.
E. All students who find Spanish difficult study English.

Considering each in turn:
A. Is not relevant
B. Initially this looks relevant but 'All students who think Latin is useful study it' is not the same as saying all students who study Latin think it is useful. Kurt might study Latin but not think it is useful. Therefore option B does not support the conclusion.
C. The statement 'All students of Latin think it is a useful thing to know' supports the conclusion 'Kurt must think Latin is a useful thing to know'.
D. Is not relevant
E. Is not relevant
Option C is the correct answer.

- 7) Sabine earns more than Pedro. Sabine earns the same as Maria. Antonio earns less than Maria. Valeria earns less than Sabine. Pedro earns less than Valeria.

Who earns the least money?

- A. Sabine.
B. Valeria.
C. Antonio.
D. Pedro.
E. Maria.

Explanation:

Working through the statements gives the sequence.
Maria = Sabine > Antonio > Valeria > Pedro
Where > means 'earns more than'.
Therefore Pedro earns the least money.
Option D is the correct answer.

- 8) Richard paid more for his house than did Robert. Robert paid less for his house than did John. Derek paid more for his house than did Sarah. Sarah paid the same amount for her house as did John.

If the above information is true, which of the following must also be true?

- A. Richard paid more for his house than did Derek.
B. Derek paid more for his house than did Robert.
C. Richard paid more for his house than did John.
D. Sarah paid less for her house than did Richard.
E. Sarah paid less for her house than did Robert

Explanation:

Working through the statements gives the sequences:
Richard > Robert
Derek > Sarah = John > Robert
Where > means 'paid more for house than'

Considering the options:
A. Richard paid more for his house than did Derek.
B. Derek paid more for his house than did Robert.
C. Richard paid more for his house than did John.
D. Sarah paid less for her house than did Richard.
E. Sarah paid less for her house than did Robert.

A. May not be true.
B. Must be true.
C. May not be true.
D. May not be true.
E. Must be false.
Option B is the correct answer.

9) An insurance policy covering flood damage to stock pays 80% of the costs for the first \$1,000 and all of the cost thereafter up to a total of \$5,000. Following a claim, the claimant had to pay an additional \$1,000 to replace damaged stock. How much was the stock worth?

- A. \$5,800
- B. \$6,400
- C. \$6,200
- D. \$6,800
- E. \$6,000

Explanation:

If the claimant had to pay an additional \$1,000, then the insurance company must have paid out 80% of \$1,000 plus \$5,000.
This means the insurance company paid out \$5,800.
The claimant paid an additional \$1,000 making the stock worth a total of \$6,800.
Option D is the correct answer.

10) What percentage of all the marbles in the bag were black?

Statement 1 - The ratio of black to white marbles in the bag was 20 : 1.
Statement 2 - There were 5 white marbles in the bag.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation:

Statement 1 gives the ratio of black and white marbles, but does not tell us the total number of marbles in the bag. So this statement alone is not sufficient to answer the question.
Statement 2 gives the number of white marbles in the bag. So this statement alone is not sufficient to answer the question.
At first sight it may appear that the total number of marbles can be calculated using both statements together like this: White Marbles = 5. Black Marbles = $5 \times 20 = 100$. Therefore total number of marbles = 105.

However there one critical piece of information missing. It is impossible to say whether there are only black and white marbles in the bag. There may in fact be other colors.

Hence the two statements together are also not sufficient to answer the question.
Since none of the two statements are sufficient to answer the question on their own, and an answer cannot be obtained by combining the two statements as well.

Option E is the correct answer.

This question is more of a 'trick' question than most of those you will find in critical reasoning tests. However it has been included to illustrate the importance of not making assumptions when answering these types of question.

11) Alberto buys a car from Juan and sells it to Antonio. How much did Juan pay for the car?

Statement 1 - Juan sold it to Alberto at 20% profit and Antonio bought it for \$10,000.
Statement 2 - Alberto sold it to Antonio for 10% profit.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation:

To calculate how much Juan initially paid for the car we need to know the final price and the margins made by both Juan and Alberto.
Statement 1 gives us both the final sale price and the margin made by Juan. Therefore Statement 1 by itself is not sufficient.
Statement 2 gives us only the margin made by Alberto. Therefore Statement 2 by itself is not sufficient.
Both statements together do give us all of the information we need.

Option C is the correct answer.

12) What percentage is Jane's salary of Sally's salary?

Statement 1 - Jane's salary is 80% of Mandy's salary.
Statement 2 - Sally's salary is 120% of Mandy's salary.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation:

To answer the question we need to know the percentage of Jane's salary with respect to Mandy's salary.
The first statement alone is not sufficient as it only gives the percentage of Jane's salary with respect to Mandy's salary.
The second statement alone is not sufficient as it only gives the percentage of Sally's salary with respect to Mandy's salary.
The first statement tells us that, if Mandy earns \$100 then Jane will earn \$80.
The second statement tells us that, if Mandy earns \$100 then Sally will earn \$120.
Using both statements together, we can say that Jane earns $80/120$ or 66% of Mandy's salary.

Option C is the correct answer.

Note that you do not need to actually calculate the result – only to deduce that you need both pieces of information to do so.

13) between three and four people actually read each copy of 'OK'. On this basis, we estimate that the 500,000 copies of 'Hello' that are sold each month are actually read by 1,500,000 to 2,000,000 people.

The estimate above assumes that:

- A. Most of the readers of 'Hello' subscribe to 'OK' magazine.
- B. The ratio of copies to readers is the same for 'Hello' as for 'OK' magazine.
- C. The number of readers of 'OK' magazine is similar to the number of readers of 'Hello'.
- D. Individual magazine readers enjoy more than one type of magazine.
- E. Readers of 'Hello' enjoy sharing their copy with friends and family.

Explanation:

The estimate assumes that: The ratio of copies to readers is the same for 'Hello' as for 'OK' magazine.

The ratio of copies to readers for 'OK' magazine is one copy to every three or four readers. In order for 'Hello' magazine, with a circulation of 500,000 copies, to be read by 1.5 to 2 million readers each copy would need to be read by three or four people.

Option B is correct.

14) A crate of wine costs the retailer \$225.
How much profit does the retailer make on each bottle?

Statement 1 - The bottles are sold for \$25 each.
Statement 2 - There are 12 bottles in a crate.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation :

We need to know the number of bottles in a crate and the selling price of a bottle to know the relationship between the cost and the selling prices of a bottle.
The first statement alone is not sufficient to answer the question as it gives the selling price of a bottle, but the number of bottles per crate is not known.
The second statement alone is not sufficient. The cost of a bottle can be obtained, but the selling price of each bottle is not known.
Combining the two statements, the selling price of a bottle can be obtained from the first statement and the cost per bottle is known from the main question and the second statement. Therefore both the statements together are sufficient to answer the question.
Option C is the correct answer.

15) In the national university baseball league, the record of the teams is as follows:
Harvard have won the fewest games followed in ascending order by Yale, Duke and Princeton. Cornell are one game ahead of Duke. Princeton and Stanford are two games ahead of Cornell. Duke and Princeton have won an equal number of games. Duke wins the next match.

Which team is now at the same level as Cornell?

- A. Yale.
- B. Princeton.
- C. Duke.
- D. Stanford.
- E. Harvard.

Explanation:

On the basis of the given information, you can construct the following:
Princeton > Duke > Yale > Harvard
Cornell > Duke > Yale > Harvard
Princeton = Stanford > Cornell > Duke > Yale > Harvard
Stanford > Princeton > Cornell > Duke > Yale > Harvard
Therefore Duke is now in fourth place.
Option C is the correct answer.

16) Fiona visits either her mother or her sister every day. Sometimes she has use of the car and sometimes her son takes it. If it is a Monday & she has the car then Fiona visits her mother. If it is a public holiday and she does not have the car then Fiona visits her sister. Sometimes it can be a Monday and a public holiday.

Which of the following statements must be true?

- A. If it is not a public holiday and it is a Monday then Fiona visits her mother.
- B. If she has the car and not a public holiday then Fiona visits her mother.
- C. If she has the car and it is a public holiday then Fiona visits her mother.
- D. If she has the car and Fiona does not visit her mother then it is not a Monday.
- E. If it is a Monday and a public holiday then Fiona visits her mother.

Explanation:

The question statement can be summarized as follows:
Monday + Car = Visits Mother
Public Holiday + No Car = Visits Sister
A. May not be true because there is no mention of car.
B. May not be true because it may not be a Monday.
C. May not be true because it may not be a Monday.
D. Must be true because Monday + Car = Mother.
E. May not be true because there is no mention of car.

Option D is the correct answer.

17) Of the teams competing in the world archery championships, forty percent are from Europe. Three quarters as many are from the United States and one tenth are from Africa.

What fraction of teams are from neither Europe, the US or Africa.

- A. 2/5
- B. 3/10
- C. 1/5
- D. 2/3
- E. 3/5

Explanation:

The fractions are calculated as follows:
Europe = 40% United States = 30% Africa = 10%
 $40\% + 30\% + 10\% = 80\%$ of teams are from Europe, the US or Africa.
Therefore 20% must be from other countries. 20% equates to $1/5$.
Option C is correct.

18) The price of both the Sony VM1 and the LG VX2 video monitors were reduced in the annual sale. Which item was reduced by the larger amount?
Statement 1 - The price of the Sony VM1 was reduced by 20%.
Statement 2 - The price of the LG VX2 was reduced by 50%.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

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Explanation:

Statement 1 is not sufficient as it says nothing about the reduction of the LG VX2.
Statement 2 is not sufficient as it says nothing about the reduction of the Sony VM1.
Statements 1 and 2 together are not sufficient because they give only the percentage reduction and the initial prices are not known. It is therefore not possible to say which monitor was reduced by the larger amount.
Option E is the correct answer.

19) There are two standing stones in a field. The first casts a shadow 4 metres long and the second casts a shadow 5 metres long. How tall is the second standing stone?
Statement 1 - The first standing stone is 3 meters tall.
Statement 2 - The stones are 20 metres apart.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation :
Statement 1 alone is sufficient. Since we now have both, the height of the first stone and the length of its shadow, the height of second stone can be found using the same ratio.
Second 2 alone is insufficient. The distance between the stones does not provide any information about their heights.
Therefore Statement 1 alone is sufficient to answer the question and statement 2 alone cannot answer the question.

Option A is the correct answer.
Note that you do not need to actually calculate the result – only to deduce that you need both pieces of information to do so.

20) The principality of Angora has a population of 100,000. Exactly 60% of the population are citizens of the principality and 50% are over 21 years of age. How many people are eligible to vote?
Statement 1 - Exactly 80% of citizens complete their national service.
Statement 2 - Only citizens over 21 years of age who have completed their national service are permitted to vote.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient

Explanation :

The first statement alone is insufficient because the question statement does not specify the relevance of national service.
The second statement alone is insufficient because the question statement does not specify the proportion of citizens who have completed their national service.
Taking the first and second statements together it is still not possible to answer the question of eligibility. This is because even though we know the percentage of citizens and the percentage of people over 21 years of age, it is not stated what percentage of the population are citizens of the principality and are also over 21 years of age.
Therefore Statements 1 and 2 together are not sufficient.
Option E is correct.

21) Geraldine earns more than Maria. But since Sophie earns more than Anne, it follows that Geraldine earns more than Anne.

Which of the following statements does not support the conclusion above?

- A. Maria earns more than Anne.
- B. Maria earns more than Sophie.
- C. Sophie earns more than Geraldine.
- D. Maria and Sophie earn the same.
- E. Geraldine and Sophie earn the same.

Explanation:
The first two statements give the following:
Geraldine > Maria
Sophie > Anne
Where > means 'earns more than'.
Working through the answer statements gives the following:
A. Geraldine > Maria > Anne
B. Geraldine > Maria > Sophie > Anne
C. Sophie > Geraldine > Maria
D. Geraldine > Maria > Sophie > Anne
E. Geraldine = Sophie > Anne
A. Supports the conclusion that Geraldine earns more than Anne.
B. Supports the conclusion that Geraldine earns more than Anne.
C. Does not support the conclusion that Geraldine earns more than Anne.
D. Supports the conclusion that Geraldine earns more than Anne.
E. Supports the conclusion that Geraldine earns more than Anne.

Option C is the correct answer.

22) During the past four days over one hundred students at the university have reported symptoms of amoebic food poisoning, but only five students have tested positive for the condition. A public health inspector claims that this apparent outbreak can be attributed to a consignment of pork used by the refectory as an ingredient in a variety of meals served four days ago.

Which of the following statements best supports the health inspectors claims?

- A. Food poisoning symptoms last only a few days.
- B. The university refectory provides meals to over one thousand students a day.
- C. People with amoebic food poisoning often do not exhibit symptoms for five days after contracting it.
- D. A person can test positive for amoebic food poisoning without exhibiting any symptoms.
- E. People with amoebic food poisoning do not usually test positive until at least four days after the onset of symptoms.

Explanation:

A. This statement has no bearing on the health inspectors claims.

B. This statement has no bearing on the health inspectors claims.
C. This statement has no bearing on the health inspectors claims but suggests that more students may have contracted the disease than those who have already reported symptoms.
D. This statement has no bearing on the health inspectors claims. Just because students who are infected may not show symptoms does not alter the fact that they are infected.
E. This statement best supports the health inspectors claims as it suggests that many of the students who have reported symptoms would test positive if the test was carried out four days or more after the onset of symptoms.

Option E is correct.

23) The founder members of the European Union have comprehensive welfare systems to ensure that their citizens are cared for if they are unable to work. There is no reason why the countries which have recently joined the European Union should not provide similar welfare systems for their own citizens.

Which of the following, if true, would weaken the above argument?

- A. The European Union does not specify how a member state should run its own welfare system.
- B. Some of the newer members of the European Union have large populations.
- C. Welfare systems encourage people to avoid getting a job.
- D. Some of the newer members of the European Union were previously communist countries.
- E. Some of the newer members of the European Union do not have such developed economies as the founder members.

Explanation:

Remember, in these types of question you are looking for the best answer.
A. This statement is true but does not weaken the argument.
B. This statement assumes that countries with larger populations find it more difficult to provide welfare systems. There is no evidence for this.
C. This statement is contentious and does not weaken the argument.
D. This statement is true but says nothing about the ability of these countries to provide welfare.
E. This statement best weakens the argument since countries with less developed economies are less likely to be able to afford comprehensive welfare systems.

Option E is correct.

24) Ian paid more for his car than did Simon.
Simon paid less for his car than did Hubert.
Peter paid more for his car than did Sarah.
Sarah paid the same amount for her car as did Hubert.

If the above information is true, which of the following must also be true?

- A. Ian paid more for his car than did Peter.
- B. Sarah paid less for her car than did Simon.
- C. Simon paid less for his car than did Peter.
- D. Ian paid more for his car than did Hubert.
- E. Sarah paid less for her car than did Ian.

Explanation:

On the basis of the given information, you can construct the following:
Peter > Sarah = Hubert > Simon
The position of Ian in the sequence cannot be determined other than to say that he paid more than Simon.
A. Need not be true because the position of Ian in relation to Peter is unknown.
B. Is obviously untrue.
C. Is the correct answer.
D. Need not be true because the position of Ian in relation to Hubert is unknown.
E. Need not be true because the position of Sarah in relation to Ian is unknown.

Option C is correct.

There is one other feature of this question that needs to be pointed out. Note that the form of the question statements is the same as the form of the answer options. When you are under pressure it is very easy to confuse the two lists, which means that you would be using one of the answer options to construct the sequence. If you see a question of this type, then cover the answer options until you have constructed the formula. Then compare the answer options to the formula one-by one.

25) Of the teams competing in the world archery championships, twenty percent are from Europe. Half as many are from the United States and one twentieth are from Africa.

What fraction of teams are from neither Europe, the US or Africa.

- A. 13/20
- B. 15/20
- C. 13/15
- D. 17/20
- E. 13/17

Explanation:
The fractions are calculated as follows:
Europe 20% = 4/20
United States 10% = 2/20
Africa 1/20
4/20 + 2/20 + 1/20 = 7/20 teams are from Europe, the US or Africa.
Therefore 13/20 must be from other countries.
Option A is correct.

26) Oil filters are packed in individual boxes which are then packed into a larger cubic transport boxes. How many transport boxes of oil filters will fit into the cargo area of a lorry?
Statement 1 - Each transport box measures 50cm x 50cm x 50cm.
Statement 2 - The length and the breadth of the cargo area is 10m and 3m.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
- B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
- C. Both statements together are sufficient, but neither statement alone is sufficient.
- D. Each statement alone is sufficient.
- E. Statements 1 and 2 together are not sufficient.

Explanation: To answer this question it is necessary to calculate:
1) The volume of a transport box
2) The volume of the load area.
The first statement alone means that the volume of a transport box can be calculated.
The second statement alone does not allow the volume of the cargo area to be calculated because there is no information about the height.

Therefore Statements 1 and 2 together are not sufficient and option E is correct.

- 27) There are two valves at the bottom of a water tank which allow the tank to be drained. If both valves are opened, how long will it take before the tank is empty?
Statement 1 - If only valve 1 is opened, the tank will be empty in 10 minutes.
Statement 2 - If only valve 2 is opened, the tank will be empty in 20 minutes.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient.
E. Statements 1 and 2 together are not sufficient.

Explanation: The first statement alone means that:
One tenth of the tank will be emptied per minute when valve 1 is opened.
But since we have no information about the rate of emptying for valve 2, the first statement alone is insufficient.

The second statement alone means that:
One twentieth of the tank will be emptied per minute when valve 2 is opened.
But since we have no information about the rate of emptying for valve 1, the second statement alone is insufficient.
However, using both statements we know that one tenth plus one twentieth of the tank is being drained per minute when both valves are open. By adding these two fractions and calculating the reciprocal we can obtain the time in minutes that it takes to drain the tank with both valves open.
Since both statements together are sufficient, but neither statement alone is sufficient to answer the question, option D is the correct answer.
Note that you do not need to actually calculate the result – only to deduce that you need both pieces of information to do so.

- 28) same time take 30 minutes to fill the bottles. How long should it take Molly working by herself to fill the bottles?
Statement 1 - Molly fills half as many bottles as Jim.
Statement 2 - Jim would take 45 minutes by himself.

Which of the statements above make it possible to answer the question.

- A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.
B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient.
E. Statements 1 and 2 together are not sufficient.

Explanation:

The first statement alone is sufficient because it means that:
Molly fills 300 bottles and Jim fills 600 bottles in 30 minutes.

Therefore, it would take Molly 90 minutes to fill 900 bottles.
The second statement alone is sufficient because it means that:
Jim would fill 900 bottles in 45 minutes.

This means that Jim's work rate is 20 bottles per minute.
So, in the 30 minutes working together Jim will fill 600 of the bottles.
Therefore Molly will fill 300 bottles in 30 minutes or 900 bottles in 90 minutes.
Since each statement alone is sufficient to answer the question, Option D is the correct answer.
Note that you do not need to actually calculate the result – only to deduce that you need both pieces of information to do so.

- 29) In 1695 about 11,400 doctors who had treated plague sufferers died and about 23,670 doctors who had not treated plague sufferers died. On the basis of these figures, it can be concluded that it was more dangerous for doctors not to participate in the treatment of plague sufferers than it was for them to participate in it.
Which of the following statements would cast most doubt on the conclusion above?

- A. Expressing the difference between the numbers of deaths among doctors who had treated plague sufferers and doctors who had not treated plague suffers as a percentage of the total number of deaths.
B. Examining the death rates for doctors in the years before and after 1695.
C. Separating deaths due to natural causes during the treatment of plague suffers from deaths caused by other causes.
D. Comparing death rates per thousand members of each group rather than comparing total numbers of deaths.
E. The figures quoted may vary by plus or minus ten percent from the actual figures.

Explanation:
There essential information missing from the question statement is the total number of doctors who treated plague sufferers and the total number of doctors who did not. In order to cast doubt on the conclusion it is essential to know the mortality rate of doctors in each group rather than the total number. This mortality rate could be specified as percentage or deaths per thousand or some other measure. The important point is that it specifies the ratio of doctors who survived compared to doctors who died in each group.

Option D is the correct answer as the other options take no account of the relative sizes of the two groups.

- 30) The cost of manufacturing tractors in Korea is twenty percent less than the cost of manufacturing tractors in Germany. Even after transportation fees and import taxes are added, it is still cheaper to import tractors from Korea to Germany than to produce tractors in Germany.

Which of the following assertions is best supported by this information?

- A. Labor costs in Korea are twenty percent below those in Germany.
B. Importing tractors into Germany will eliminate twenty percent of the manufacturing jobs in Germany.
C. The costs of transporting a tractor from Korea to Germany is more than twenty percent of the cost of manufacturing the tractor in Korea.
D. The import taxes on a tractor imported from Korea to Germany is less than twenty percent of the cost of manufacturing the tractor in Germany.
E. It takes twenty percent less time to make a tractor in Korea than it does in Germany.

Explanation: The question asks 'Which of the following assertions is best supported by this information?'
A. This assertion is not supported because the twenty percent difference may be due to costs other than labour costs.
B. This assertion is not supported by the information given.
C. This assertion is not supported by the information given.
D. The import taxes must be less than twenty percent because 'even after transport costs and import taxes it is still cheaper to manufacture tractors in Korea.'
E. This assertion is not supported by the information given.
Option D is the correct answer.

- 31) If Judy comes to the party then Sally leaves the party. If Sally leaves then either Christine or Clara ask Philip to dance. If Philip is asked to dance by either Christine or Clara and Sally leaves the party, Philip accepts. If Philip is asked to dance by either Christine or Clara and Sally does not leave the party, Philip does not accept. If Sally does not leave the party, which of the following statements can be logically deduced from the information above?

- A. Christine asks Philip to dance.
B. Clara asks Philip to dance.
C. Judy does not come to the party.
D. Philip dances with either Christine or Clara.
E. Philip leaves the party.

Explanation:
The first sentence states: 'If Judy comes to the party then Sally leaves the party.' It follows that if Sally does not leave the party then Judy does not come to the party. Therefore the information beyond the first sentence is irrelevant.
Option C is the correct answer.

- 32) Pedro goes either hunting or fishing every day. If it is snowing & windy then Pedro goes hunting. If it is sunny and not windy then Pedro goes fishing. Sometimes it can be snowing and sunny.
Which of the following statements must be true:

- A. If it is not sunny and it is snowing then Pedro goes hunting.
B. If it is windy and Pedro does not go hunting then it is not snowing.
C. If it is windy and not sunny then Pedro goes hunting.
D. If it is windy and sunny then Pedro goes hunting.
E. If it is snowing and sunny then Pedro goes hunting.

Explanation: The information given can be reduced to:
Snowing + Windy = Hunting
Sunny + Not Windy = Fishing

Therefore:

- A – Need not be true because it is not stated that it is windy.
B – Must be true because when it is snowing and windy Pedro goes hunting.
C – Need not be true because it is not stated that it is snowing.
D – Need not be true because it is not stated that it is snowing.
E – Need not be true because it is not stated that it is windy.
Option B is the correct answer.

General Aptitude Test for Graduates - Verbal Reasoning

Verbal ability tests are very widely used in the selection process since most jobs require you to understand and make decisions based on verbal or written information.

Verbal ability tests evaluate your ability to spell words accurately, use correct grammar, understand word meanings, understand word relationships and analyze detailed written information.

In law, trespass can be: the criminal act of going into somebody else's land or property without permission of the owner or lessee; it is also a civil law tort that may be a valid cause of action to seek judicial relief and possibly damages through a lawsuit. In some jurisdictions trespassing is an offence or misdemeanour covered by a criminal code. In other jurisdictions, it is not considered a crime or penal in nature, property is protected from trespass under civil law and privacy acts. In England and Wales, despite the prevalence of notices asserting that "trespassers will be prosecuted", unless the trespass is aggravated in some way, it will only be a civil wrong. Although criminal and civil trespass laws vary from jurisdiction to jurisdiction, most have the following facets in common: Property owners and their agents (for example, security guards) may only use reasonable force to protect their property. For example, setting booby traps on a property to hurt trespassers or shooting at trespassers are usually strictly forbidden except in extreme circumstances. Not all persons seeking access to property are trespassers. The law recognizes the rights of persons given express permission to be on the property ("licensees") and persons who have a legal right to be on the property ("invitees") not to be treated as trespassers. For example, a meter reader on the property to read the meter is an invitee, as would be a travelling salesperson, or a police officer seeking to execute a warrant.

- 1) It is very difficult to successfully prosecute someone for trespass.

- A. True
B. False
C. Can't say

Answer : C

- 2) Property is only ever protected from trespass under civil law and privacy acts.

- A. True
B. False
C. Can't say

Answer : B

- 3) In Texas it is legal to use deadly force against trespassers after dark.

- A. True
B. False
C. Can't say

Answer : C

- 4) Invitees are people who have been specifically invited onto the property by the owner.

- A. True
B. False
C. Can't say

Answer : B

- 5) Aggravated trespass is a civil wrong and offenders cannot be prosecuted

- A. True
B. False
C. Can't say

Answer : B

Prions (short for proteinaceous infectious particle) are infectious protein structures that replicate through conversion of normal host proteins of the same type. Though the exact mechanisms of their actions and reproduction are unknown, it is now commonly accepted that prions are responsible for a number of previously known but little-understood diseases generally classified under transmissible spongiform encephalopathy diseases (TSEs), including scrapie (a disease of sheep), Creutzfeldt-Jakob disease (CJD) and bovine spongiform encephalopathy (BSE or mad cow disease). These diseases affect the structure of brain tissue and all are fatal and untreatable.

Not all prions are dangerous; in fact, prion-like proteins are found naturally in many (perhaps all) plants and animals. Because of this, scientists reasoned that such proteins could give some sort of evolutionary advantage to their host.

6) TSE, BSE and scrapie are all forms of CJD.

- A. True
B. False
C. Can't say

Answer : B

7) Scrapie is untreatable.

- A. True
B. False
C. Can't say

Answer : A

8) Prion diseases are not all dangerous and could give some evolutionary advantage to their host.

- A. True
B. False
C. Can't say

Answer : B

9) Prions replicate using proteins from the host animal.

- A. True
B. False
C. Can't say

10) Prions are thought to be responsible for mad cow disease.

- A. True
B. False
C. Can't say

Answer : A

Nuclear fission (in nuclear physics, simply fission) is a process in which the nucleus of an atom splits into two or more smaller nuclei (fission products) and usually some by-product particles. Hence, fission is a form of elemental transmutation. The by-products include free neutrons, photons (usually gamma rays), and other nuclear fragments such as beta particles and alpha particles. Fission of heavy elements can release substantial amounts of useful energy both as gamma rays and as kinetic energy of the fragments.

Nuclear fission is used to produce energy for nuclear power and to drive explosion of nuclear weapons. Fission is useful as a power source because some materials, called nuclear fuels, both generate neutrons as part of the fission process and also undergo triggered fission when impacted by a free neutron. Nuclear fuels can be part of a self-sustaining chain reaction that releases energy at a controlled rate (in a nuclear reactor) or a very rapid uncontrolled rate (in a nuclear weapon).

11) Nuclear fusion is thought to be safer than fission.

- A. True
B. False
C. Can't say

Answer : C

12) Alpha particles can be by-products of nuclear fission.

- A. True
B. False
C. Can't say

Answer : A

13) Fission is dangerous because it causes a chain reaction.

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)

Answer : C

14) Fission converts one element into another.

- A. True
B. False
C. Can't say

Answer : A

15) Fission takes place in both nuclear reactors and nuclear weapons.

- A. True
B. False
C. Can't say

Answer : A

The Etruscan civilization is the name given today to the culture and way of life of a people of ancient Italy whom ancient Romans called Etrusci, ancient Greeks called Tyrrhenoi and who called themselves Rasenna, syncopated to Rasna. As distinguished by its own language, the civilization endured from an unknown prehistoric time prior to the foundation of Rome until its complete assimilation to Italic Rome in the Roman Republic. At its maximum extent during the foundation period of Rome and the Roman kingdom, it flourished in three confederacies: of Etruria, the Po valley and Latium and Campania. Rome was placed in its territory. There is considerable evidence that early Rome was founded and dominated by Etruscans.

16) The Po valley is in Italy.

- A. True
B. False
C. Can't say

Answer : C

17) The Etruscan civilization became part of the Roman Republic.

- A. True
B. False
C. Can't say

Answer : A

18) The Etruscan civilization dates from the foundation of Rome.

- A. True
B. False
C. Can't say

Answer : B

19) Early Rome was founded and dominated by Etruscans.

- A. True
B. False
C. Can't say

Answer : A

20) The Etruscans called the Greeks the 'Tyrrhenoi'.

- A. True
B. False
C. Can't say

Answer : B

Under law, negligence is usually defined in the context of jury instructions wherein a judge instructs the jury that a party is to be considered negligent if they failed to exercise the standard of care that a reasonable person would have exercised under the same circumstances. In most jurisdictions, it is necessary to show first that a person had a duty to exercise care in a given situation, and that they breached that duty.

In brief: Negligence, a tort, is a civil wrong consisting of five criteria: Duty or reasonable standard of care (as decided by judge as a matter of law), Breach (or "negligence" in laymen's terms, decided as a matter of fact), Injury (the fact that the plaintiff suffered an injury, and is determined at a matter of fact), Cause in Fact or conduct of defendant that causes plaintiff's injury(s) (decided as a matter of fact), Legal Cause (now perceived as the foreseeability of the type of injury caused but not the specific injury or extent of injury, determined as a matter of fact). Matters of law are decided by a judge, matters of fact are decided by a jury.

In order to prove negligence, it is not necessary to prove harm, but in order for a cause of action to rest in tort, harm must be proven. Hence, it would be meaningless to sue someone for negligence if no harm resulted. Conversely, it is not enough that a harm was done. In order for the harm to be compensable in a negligence lawsuit, the defendant must be shown to have been negligent, and it must be demonstrated that his negligence was the proximate cause of the harm sustained by the plaintiff.

21) Proximate cause is an important concept in cases of negligence.

- A. True
B. False
C. Can't say

Answer : A

22) In some cases negligence can be proven but harm cannot be proven.

- A. True
B. False
C. Can't say

Answer : C

23) Legal cause is one of the criteria which is determined by a judge.

- A. True
B. False
C. Can't say

Answer : B

24) The defendant must be shown to have been negligent before compensation can be awarded.

- A. True
B. False
C. Can't say

Answer : A

25) Matters of fact and matters of law are decided by a judge and jury respectively.

- A. True
B. False
C. Can't say

Answer : B

Metallurgy is concerned with the production of metallic components for use in consumer or engineering products. This involves the production of alloys, the shaping, the heat treatment and the surface treatment of the product. Common engineering metals are aluminium, chromium, copper, iron, magnesium, nickel, titanium and zinc. These are most often used as alloys. Much effort has been placed on understanding one very important alloy system, that of purified iron, which has carbon dissolved in it, better known as steel. Normal steel is used in low cost, high strength applications where weight and corrosion are not a problem.

26) Using stainless steel avoids problems due to corrosion.

- A. True
B. False
C. Can't say

Answer : C

27) Metallurgy involves producing alloys for use in engineering products

- A. True
B. False
C. Can't say

Answer : A

28) Steel is relatively cheap but can suffer from corrosion.

- A. True
B. False
C. Can't say

Answer : A

29) Aluminium is lighter than iron but not as strong.

- A. True
B. False
C. Can't say

Answer : C

30) Iron is purified steel which has carbon dissolved in it.

- A. True
B. False
C. Can't say

Answer : B

Edgar Allan Poe was born in Boston, Massachusetts, the son of actress Elizabeth Arnold Hopkins Poe and actor David Poe, Jr. His father abandoned the family in 1810, and his mother died of tuberculosis when he was only two, so Poe was taken into the home of John Allan, a successful tobacco merchant in Richmond, Virginia. Although his middle name is often misspelled as "Allen," it is actually "Allan" after this family. After attending the Misses Duborg boarding school in London and Manor School in Stoke Newington, London, England, Poe moved back to Richmond, Virginia, with the Allans in 1820. Poe registered at the University of Virginia in 1826, but only stayed there for one year.

31) Poe never gained a university degree.

- A. True
B. False
C. Can't say

Answer : C

32) Poe was born in Richmond Virginia.

- A. True
B. False
C. Can't say

Answer : B

33) Poe's mother died before his father.

- A. True
B. False
C. Can't say

Answer : C

34) Poe spent part of his life in England.

- A. True
B. False
C. Can't say

Answer : A

35) Edgar Allan Poe was a famous American author and Poet.

- A. True
B. False
C. Can't say

Answer : C

Generally, tax will be charged on personal earnings (wages, welfare), capital gains, and business income. The rates for different types of income may vary and some may not be taxed at all. Capital gains may be taxed when realised (e.g. when shares are sold) or when incurred (e.g. when shares appreciate in value). Business income may only be taxed if it is 'significant' or based on the manner in which it is paid. Some types of income, such as interest on bank savings, may be considered as personal earnings (similar to wages) or as a realised property gain (similar to selling shares). In some tax systems 'personal earnings' may be strictly defined to require that labour, skill, or investment was required (e.g. wages); in others they may be defined broadly to include windfalls (e.g. gambling wins).

36) Tax is not charged on welfare payments.

- A. True
B. False
C. Can't say

Answer : B

37) Personal earnings are always strictly defined as earnings where labour, skill, or investment was required.

- A. True
B. False
C. Can't say

Answer : B

38) Shares can only be taxed when they are sold.

- A. True
B. False
C. Can't say

Answer : B

39) Gambling wins may be defined as personal earnings.

- A. True
B. False
C. Can't say

Answer : A

40) Some types of income may not be subject to tax.

- A. True
B. False
C. Can't say

Answer : A

In finance, due diligence may refer to the process of research and analysis that takes place in advance of an investment, takeover, or business partnership. The potential investor generally uses in-house resources or hires a consulting firm, that specializes in due diligence and corporate investigations, to investigate the background of the company and principals of the target company. A due diligence assignment generally includes reviewing press and SEC filings, checking for regulatory and licensing problems, identifying liens and judgments, and uncovering civil and criminal litigation matters. Sophisticated investigators will also search for conflicts of interest, insider trading and press and public records that identify problems that may have occurred under the principal's "watch." The investigative results may be prepared in a "due diligence report" that the investor uses to understand risks involved in the investment. For example, if negative information is uncovered on a principal of the target company, the investor may put pressure on the target firm to replace that individual. In addition to identifying risks and implications of an investment, due diligence may include data on a company's solvency and assets.

41) Some consulting firms specialize in due diligence investigations.

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)
Answer : A

42) Due diligence concentrates on the target company's solvency and assets.

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)
Answer : B

43) Due diligence procedures are usually undertaken by financial and legal professionals.

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)
Answer : C

44) Investigation into civil litigation does not form part of due diligence procedure.

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)
Answer : B

45) The management of a target company may be investigated as part of due

- A. True
B. False
C. Can't say
[View answer](#) [Discuss in forum](#)
Answer : A

Leo Fender and George Fullerton introduced first the Esquire and then the Broadcaster, the first standard electric guitars produced by the Fender Electric Instrument Manufacturing Company. Due to a trademark conflict with another musical instrument company (the Gretsch Broadcaster line of drums), the Broadcaster's name was quickly changed to Telecaster and perhaps the most enduring electric guitar ever was born. In 1951 Fender introduced the Precision Bass, which changed the shape of music forever. By replacing the unamplified "stand-up" contrabass, the "P-Bass" radically changed both the practice and the sound of pop music and jazz. This was followed quickly by the introduction in 1954 of the Stratocaster, whose modernistic styling and musical versatility made it a true cultural icon, easily the most recognizable and popular electric guitar ever made.

46) The Broadcaster pre-dated the Stratocaster by three years.

- A. True
B. False
C. Can't say

Answer : C

47) The Telecaster and Stratocaster designs are still both popular

- A. True
B. False
C. Can't say

Answer : A

48) The Precision Bass changed the sound of popular music in the early 1950's

- A. True
B. False
C. Can't say

Answer : A

49) The Esquire and the Broadcaster were the first electric guitars ever made.

- A. True
- B. False
- C. Can't say

Answer : C

50) Leo Fender owned the Fender Electric Instrument Manufacturing Company.

- A. True
- B. False
- C. Can't say

Answer : C

The Battle of Agincourt was fought on 25 October 1415, (Saint Crispin's Day), in northern France as part of the Hundred Years' War. The combatants were the English army of King Henry V, and that of Charles VI of France. The latter was not commanded by the incapacitated king himself, but by the Constable Charles d'Albret and various notable French noblemen of the Armagnac party. The battle is notable for the use of the English longbow, which helped the English compensate for their inferior numbers. The battle was also immortalised by William Shakespeare as the centrepiece of his play Henry V.

51) The English longbow was pivotal to the outcome of the battle.

- A. True
- B. False
- C. Can't say

Answer : A

52) William Shakespeare saw the battle and reported on it in his play 'Henry V'.

- A. True
- B. False
- C. Can't say

Answer : C

53) The army of Charles VI outnumbered that of King Henry V.

- A. True
- B. False
- C. Can't say

Answer : A

54) Constable Charles d'Albret was a member of the Armagnac

- A. True
- B. False
- C. Can't say

Answer : C

55) The Battle of Agincourt marked the end of the Hundred Years' War.

- A. True
- B. False
- C. Can't say

Answer : C

Two families of venomous snakes are native to the United States. The vast majority are pit vipers, of the family Crotalidae, which include rattlesnakes, copperheads and cottonmouths. Virtually all of the venomous bites in this country are from pit vipers. Some, Mojave rattlesnakes or canebrake rattlesnakes, for example, carry a neurotoxic venom that can affect the brain or spinal cord. Copperheads, on the other hand, have a milder and less dangerous venom that sometimes may not require antivenin treatment. The other family is Elapidae, which includes two species of coral snakes found chiefly in the Southern states. Related to the much more dangerous Asian cobras and kraits, coral snakes have small mouths and short teeth, which give them a less efficient venom delivery than pit vipers. People bitten by coral snakes lack the characteristic fang marks of pit vipers, sometimes making the bite hard to detect.

56) Coral snakes are less dangerous than Asian cobras.

- A. True
- B. False
- C. Can't say

Answer: A

57) Bite marks from pit vipers can be hard to detect.

- A. True
- B. False
- C. Can't say

Answer : B

58) Coral snakes are found in Florida and Alabama.

- A. True
- B. False
- C. Can't say

Answer : C

59) Cottonmouths are also known as Water Moccasins.

- A. True
- B. False
- C. Can't say

Answer: C

60) Crotalidae and Elapidae are native to the United States.

- A. True
- B. False
- C. Can't say

Answer : A

A power of attorney or letter of attorney in common law systems or mandate in civil law systems is an authorization to act on someone else's behalf in a legal or business matter. The person authorizing the other to act is the "principal" or "grantor", and the one authorized to act is the "agent" or "attorney-in-fact". The attorney-in-fact acts "in the principal's name," signing the principal's name to documents and filing suit with the principal's name as plaintiff, for example.

As one kind of agent, an attorney-in-fact is a fiduciary for the principal, so the law requires an attorney-in-fact to be completely honest with and loyal to the principal in their dealings with each other. If the attorney-in-fact is being paid to act for the principal, the contract is a separate matter from the power of attorney itself, so if that contract is in writing, it is a separate document, kept private between them, whereas the power of attorney is intended to be shown to various other people.

The power of attorney may be oral, such as asking someone else to sign your name on a cheque because your arm is broken, or may be in writing. Many institutions, such as hospitals, banks, and the I.R.S., require a power of attorney to be in writing before they will honor it, and they usually want to keep an original for their records.

61) In civil law systems the power of attorney is referred to as a mandate.

- A. True
- B. False
- C. Can't say

Answer : A

62) Only a legal professional can be granted the power of attorney.

- A. True
- B. False
- C. Can't say

Answer: C

63) The power of attorney may be granted verbally.

- A. True
- B. False
- C. Can't say

Answer : A

64) All contracts between the principal and the agent must be made public.

- A. True
- B. False
- C. Can't say

Answer : B

65) The agent grants the principal the power to act on behalf of the grantor.

- A. True
- B. False
- C. Can't say

Answer : B

The refectory opens at 6:30 a.m. to serve breakfast which must be ordered by 9:30 a.m. Lunch is served between 11:45 a.m. and 2:30 p.m. Dinner is served between 6:00 p.m. and 8:30 p.m. Guests can be accommodated at lunchtimes and dinnertimes provided that 24 hours notice has been given. Vegetarian options are always available but vegans should notify the catering coordinator at the beginning of each term as should anyone with special dietary requirements. This includes nut, gluten and soybean allergies etc.

66) Dinner can be ordered before 6:00 p.m.

- A. True
- B. False
- C. Can't say

Answer : C

67) Someone allergic to eggs should notify the catering coordinator.

- A. True
- B. False
- C. Can't say

Answer : A

68) Vegetarians should notify the catering coordinator.

- A. True
- B. False
- C. Can't say

Answer: B

69) Guests cannot be accommodated at breakfast time.

- A. True
- B. False
- C. Can't say

Answer : C

70) You can order lunch at 9:45 a.m. if you wish.

- A. True
- B. False
- C. Can't say

Answer : C

Glaciers begin to form where snow remains year-round and enough of it accumulates to transform into ice. New layers of snow compress the previous layers and this compression forces the icy snow to re-crystallize, forming grains similar in size and shape to cane sugar. Gradually the grains grow larger and the air pockets between the grains get smaller, meaning that the snow slowly becomes more dense. After about two winters, the snow turns into firn, an intermediate state between snow and ice. Over time the larger ice crystals become more compressed and even denser, this is known as glacial ice. Glacial ice, because of its density and ice crystals, often takes a bluish or even green hue.

71) The increase in density is caused by the grains becoming smaller.

- A. True
B. False
C. Can't say

Answer : B

72) Snow falls every year in areas where glaciers form.

- A. True
B. False
C. Can't say

Answer : C

73) Glacial ice is always greenish or bluish in color.

- A. True
B. False
C. Can't say

Answer : B

74) Firn is less dense than snow but more dense than ice.

- A. True
B. False
C. Can't say

Answer : B

75) Glaciers cannot form where snow does not remain all year round.

- A. True
B. False
C. Can't say

Answer : A

There are seven species of deer living wild in Britain. The Red Deer and the Roe Deer are native species. Fallow Deer were introduced by the Romans and, since the seventeenth century, have been joined by three other non-native species: Sika, Muntjac and Chinese Water Deer the ancestors of which have escaped from parks. In addition, a herd of Reindeer was established in Scotland in 1952. Most of the Red Deer in Britain are found in Scotland, but there are significant wild populations in south-west and north-west England, East Anglia and the north Midlands. Red deer can interbreed with the introduced Japanese Sika deer and in some areas, hybrids are common.

76) All of the Muntjac in England have escaped from parks.

- A. True
B. False
C. Can't say

Answer : B

77) There are no Reindeer in England

- A. True
B. False
C. Can't say

Answer : C

78) The Fallow Deer is not native to Britain.

- A. True
B. False
C. Can't say

Answer : A

79) Red Deer can interbreed with Fallow Deer.

- A. True
B. False
C. Can't say

Answer : C

80) All of the Red Deer in Britain are found in Scotland

- A. True
B. False
C. Can't say

Answer: B

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

81) seal, whale, manatee

- A. dolphin
B. squid
C. panda
D. bear

Answer : A

Explanation: These are all aquatic mammals.

82) oats, wheat, barley

- A. porridge
B. straw
C. rye
D. hay

Answer : C

Explanation : These are all cereal crops.

83) thames, don, tiber

- A. orinoco
B. seine
C. mississippi
D. indus

Answer : B

Explanation: These are all European rivers.

84) cheese, milk, butter

- A. lard
B. margarine
C. hide
D. yoghurt

Answer : D

Explanation : These are all dairy products.

85) meerkat, honeybee, wolf

- A. bear
B. ant
C. eagle
D. tiger

Answer : B

Explanation: These are all social animals.

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

86) arrow, spear, javelin

- A. pilum
B. shield
C. sword
C. armour

Answer : A

Explanation : These are all ranged weapons.

87) tomato, apple, pear

- A. potato
B. asparagus
C. lemon
D. broccoli

Answer : C

Explanation: These are all fruits.

88) prague, paris, berlin

- A. munich
B. lisbon
C. naples
D. barcelona

Answer : B

Explanationv : These are all European cities.

89) fly, spider, moth

- A. kangaroo
B. bird
C. mouse
D. ant

Answer : D

Explanation : These are all arthropods.

90) copper, tin, zinc

- A. oxygen
B. brass
C. salt
D. bronze

Answer : A

Explanation : These are all elements.

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

91) government : democracy

- A. church : pope
B. pharaoh : dynasty
C. king : senate
D. vote : equality
View answer Discuss in forum

Answer : B

Explanation : A government rules in a democracy. A pharaoh rules in a dynasty.

92) courtroom : lawyer

A. arena : gladiator
B. contest : team
C. teacher : class
D. commuter : train
View answer Discuss in forum
Answer : A

Explanation : A lawyer performs in a courtroom. A gladiator performs in an arena.

93) indifferent : stoic

A. idol : pagan
B. statue : temple
C. care : sophist
D. ardent : zealot

Answer : D

Explanation : Indifferent behaviour marks a stoic. Ardent behaviour marks a zealot.

94) star : astronomy

A. religion : deity
B. event : history
C. ice : geology
D. vase : pottery

Answer : B

Explanation : Stars are studied as part of astronomy. Events are studied as part of history.

95) hothead : forethought

A. blatant : scandal
B. despair : anger
C. coward : courage
D. goal : ambition

Answer : C

Explanation : A hothead lacks forethought. A coward lacks courage

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

96) deplete : decrease

A. shun : avoid
B. overlook : find
C. danger : evade
D. like : detest

Answer : A

Explanation : Deplete and decrease are synonyms. Shun and avoid are synonyms.

97) anaesthetic : numb

A. vaccine : virus
B. disease : drug
C. sedative : drowsy
D. action : lunacy

Answer: C

Explanation : An anaesthetic makes something numb. A sedative makes something drowsy.

98) corrode : acid

A. shoal : bird
B. ocean : wave
C. pack : cat
D. pod : dolphin

Answer : D

Explanation: Heard is the collective noun for cows. Pod is the collective noun for dolphins.

99) evaporate : vapour

A. centrifuge : gas
B. petrify : stone
C. saturate : fluid
D. corrode : acid

Answer : B

Explanation : Vapour may be the result of evaporation. Stone may be the result of petrification.

100) welt : blow

A. fall : height
B. strike : pain
C. stain : spill
D. throw : fly

Answer : C

Explanation : A welt is the result of a blow. A stain is the result of a spill.

101) paltry is to substantial as acute is to -----

A. angle
B. redundant
C. obtuse
D. sharp

Answer: C

Explanation : Paltry and substantial are opposites. Acute and obtuse are opposites.

102) chapter is to book as color is to -----

A. hue
B. artist
C. palette
D. spectrum

Answer : D

Explanation : A book is divided into chapters. A spectrum is divided into colors.

103) liability is to asset as expenditure is to -----

A. income
B. payments
C. benefit
D. costs

Answer : A

Explanation : Liability and asset are opposites. Expenditure and income are opposites.

104) sculptor is to marble as painter is to -----

A. easel
B. artist
C. canvas
D. brush

Answer : C

Explanation : A sculptor works with marble. A painter works with canvas.

105) hold is to hatch as room is to -----

A. ship
B. window
C. space
D. door

Answer : D

Explanation : A hatch is the entrance to a hold. A door is the entrance to a room.

106) storm is to calm as clear is to -----

A. quiet
B. cloudy
C. lucid
D. cool

Answer : B

Explanation : Storm and calm are opposites. Clear and cloudy are opposites.

107) freeze is to cool as soak is to -----

A. liquid
B. saturate
C. moisten
D. water

Answer : C

Explanation : Freeze is an extreme of cool. Soak is an extreme of moisten.

108) volume is to litre as time is to -----

A. minute
B. period
C. instant
D. point

Answer : A

Explanation: Litre is a unit of volume. Minute is a unit of time.

109) wine is to grape as leather is to -----

A. animal
B. fur
C. cure
D. hide

Answer : D

Explanation : Wine is made from grapes. Leather is made from hide.

110) degree is to temperature as current is to -----

A. ohm
B. amp
C. wire
D. volt

Answer : B

Explanation : Temperature is measured in degrees. Current is measured in amps.

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

111) Christianity, Islam, Judaism

A. Hinduism
B. Mormonism
C. Buddhism
D. Atheism

Answer : B

Explanation : These are all monotheistic religions

112) wheel, turn, swing

- A. component
B. gear
C. veer
D. cog

View answer Discuss in forum
Answer : C

Explanation : These are all verbs describing changes of direction.

113) gate, hatch, door

- A. trap
B. floor
C. wall
D. fence

Answer : A

Explanation : These are all hinged means of access.

114) Jupiter, Saturn, Neptune

- A. moon
B. sun
C. planet
D. earth

Answer : D

Explanations: These are all planets of the solar system.

115) magazine, armoury, barracks

- A. garrison
B. military
C. arsenal
D. soldier

Answer : C

Explanation: These are all military buildings.

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

116) michigan, erie, ontario

- A. ohio
B. superior
C. washington
D. toronto

Answer : B

Explanation : These are all Great Lakes.

117) frock, jacket, coat

- A. sheet
B. shirt
C. shoe
D. cover

Answer : B

Explanation: These are all items of clothing covering the body.

118) hen, duck, goose

- A. falcon
B. sparrow
C. turkey
D. bird

Answer : C

Explanation : These are all domestic fowl.

119) iceland, sri lanka, australia

- A. spain
B. england
C. portugal
D. ireland

Answer : D

Explanation : These are all islands.

120) hammer, saw, screwdriver

- A. spanner
B. pliers
C. vice
D. shears

Answer : A

Explanation : These are all tools with no moving parts.

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

121) hanker : yearn

- A. ponder : think
B. assess : guess
C. believe : faith
D. find : search

Answer : A

Explanation : Hanker and yearn are synonyms. Ponder and think are synonyms.

122) buoy : channel

- A. event : marker
B. street : sign
C. flare : accident
D. road : map

Answer : C

Explanation : A buoy marks a channel. A flare marks an accident.

123) worship : sacrifice

- A. pyre : funeral
B. prediction : omen
C. invade : frontier
D. entomb : grave

Answer : B

Explanation: Worship may involve a sacrifice. A prediction may involve an omen.

124) reprimand : admonish

- A. recast : clarify
B. dote : like
C. annoy : gratify
D. delay : drift

Answer : B

Explanation: Reprimand and admonish are synonyms. Dote and like are synonyms.

125) cataclysmic : disastrous

- A. stygian : dark
B. abysmal : base
C. fortuitous : luck
D. sound : divisive

Answer : A

Explanation: Cataclysmic and disastrous are synonyms. Stygian and dark are synonyms.

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

126) travel : wanderlust

- A. bravery : battle
B. know : curiosity
C. quest : passion
D. facts : power

Answer : B

Explanation : Someone with wanderlust wants to travel. Someone with curiosity wants to know.

127) arrogant : confident

- A. sage : hostile
B. courage : brave
C. miserly : frugal
D. quiet : coy

Answer : C

Explanation : Arrogant is an extreme of confident. Miserly is an extreme of frugal.

128) volume : encyclopaedia

- A. book : chapter
B. measure : quart
C. film : scene
D. stanza : poem

Answer : D

Explanation : A volume is part of an encyclopaedia. A stanza is part of a poem.

129) plane : timber

- A. file : steel
B. hammer : anvil
C. square : set
D. saw : cut

Answer : A

Explanation : A plane is a tool used to shape timber. A file is a tool used to shape steel.

130) Aesop : fable

- A. odyssey : iliad
B. homer : epic
C. saga : viking
D. temple : parable

Answer : B

Explanation: Aesop is famous for writing fables. Homer is famous for writing epics.

131) ransom is to captive as tip is to -----

- A. gratuity
B. advice
C. bonus
D. service

Answer : D

Explanation: A ransom is given for a captive. A tip is given for service.

132) glade is to forest as castle is to -----

- A. drawbridge
- B. moat
- C. turret
- D. keep

Answer : B

Explanation: A glade is surrounded by a forest. A castle is surrounded by a moat.

133) sock is to foot as shoe is to -----

- A. sole
- B. foot
- C. leg
- D. lace

Answer : B

Explanation: A sock is worn on the foot. A shoe is worn on the foot.

134) scale is to trout as feather is to -----

- A. falcon
- B. quill
- C. plume
- D. bird

Answer : A

Explanation: A trout (type of fish) is covered in scales. A falcon (type of bird) is covered in feathers.

135) letter is to read as number is

- A. formula
- B. add
- C. count
- D. figure

Answer: C

Explanation: A letter is the smallest unit in reading. A number is the smallest unit in counting.

136) rehearse is to actor as study is to -----

- A. learn
- B. teacher
- C. performer
- D. student

Answer : D

Explanation: An actor rehearses between performances. A student studies between exams.

137) pig is to pork as calf is to -----

- A. veal
- B. venison
- C. cow
- D. beef

Answer : A

Explanation: Pork is the meat of a pig. Veal is the meat of a calf.

138) child is to nanny as horse is to -----

- A. stable
- B. mare
- C. foal
- D. groom

Answer: D

Explanation: A child is looked after by a nanny. A horse is looked after by a groom.

139) building is to annexe as book is to -----

- A. chapter
- B. appendix
- C. introduction
- D. page

Answer: B

Explanation: An annexe is auxiliary to a building. An appendix is auxiliary to a book.

140) speech is to lectern as sermon is to -----

- A. religion
- B. priest
- C. pulpit
- D. font

Answer : C

Explanation: A speech is delivered from a lectern. A sermon is delivered from a pulpit.

141) mussel, cockle, whelk

- A. shark
- B. squid
- C. oyster
- D. eel

Answer : C

Explanation : These are all shellfish

142) micron, mile, yard

- A. second
- B. kilometre
- C. pound
- D. litre

Answer: B

Explanation: These are all measurements of distance.

143) piano, violin, spinet

- A. clarinet
- B. saxophone
- C. flute
- D. guitar

Answer : D

Explanation: These are all stringed instruments.

144) turnip, onion, swede

- A. rhubarb
- B. beetroot
- C. strawberry
- D. asparagus

Answer : B

Explanation: These are all root vegetables

145) rain, sleet, snow

- A. hail
- B. frost
- C. rime
- D. ice

Answer: A

Explanation : These are all forms of precipitation.

Instruction: Identify the relationship between the word group in the question. Select the answer which fits best with the group.

146) Nile, Amazon, Rhine

- A. Baltic
- B. Michigan
- C. Danube
- D. Victoria

Answer: C

Explanation: These are all rivers.

147) snake, lizard, tortoise

- A. frog
- B. crocodile
- C. newt
- D. toad

Answer : B

Explanation: These are all reptiles.

148) Capricorn, Aries, Aquarius

- A. Gemini
- B. Zodiac
- C. Andromeda
- D. Astrology

Answer : B

Explanation: These are all signs of the zodiac.

149) ash, beech, elm

- A. pine
- B. cactus
- C. ivy
- D. oak

Answer : D

Explanation: These are all deciduous trees.

150) diamond, ruby, sapphire

- A. gold
- B. emerald
- C. platinum
- D. pearl

Answer : B

Explanation: These are all gemstones.

Identify the relationship between the word pair in the question. Select the answer where the word pair shown has the most similar relationship.

151) submerge : dip

- A. avoid : evade
- B. dismiss : ban
- C. plead : ask
- D. crave : covet

Answer : C

Explanation: To submerge is the extreme of to dip. To plead is the extreme of to ask

152) bulky : streamlined

- A. cluttered : neat
- B. sleek : fast
- C. bloated : sink
- D. light : massive

Answer : A

Explanation: If something is bulky, it cannot be streamlined. If it is cluttered it cannot be neat.

153) rook : chess

- A. cricket : ball
- B. chip : poker
- C. football : goal
- D. swing : golf

Answer : B

Explanation: A rook is used in a game of chess. A chip is used in a game of poker.

154) satchel : bag

- A. foot : shoe
- B. cup : mug
- C. hand : glove
- D. top : hat

Answer : D

Explanation : A satchel is a type of bag. A top hat is a type of hat.

155) cohesion : unity

- A. belief : denial
- B. dearth : scarcity
- C. fear : unknown
- D. death : famine

Answer : B

Explanation: Cohesion leads to unity. Dearth leads to scarcity.

Identify the relationship between the word pair in the question.

Select the answer where the word pair shown has the most similar relationship.

156) moisten : soak

- A. cool : freeze
- B. oven : heat
- C. grow : shrink
- D. water : ice

Answer : A

Explanation: To soak is the extreme of to moisten. To freeze is the extreme of to cool.

157) turncoat : traitor

- A. cushion : bed
- B. blush : discomfit
- C. scamp : rogue
- D. difficult : avoid

Answer : C

Explanation: Turncoat and traitor are synonyms. Scamp and rogue are synonyms.

158) syllabus : course

- A. term : college
- B. semester : term
- C. recipe : feast
- D. menu : meal

Answer : D

Explanation: A syllabus describes the contents of a course. A menu describes the contents of a meal.

159) potable : drink

- A. eat : edible
- B. seaworthy : sail
- C. know : be
- D. theory : idea

Answer : B

Explanation: Potable means fit to drink. Seaworthy means fit to sail.

160) parched : moisture

- A. distant : vacant
- B. air : vacuum
- C. laconic : words
- D. time : past

Answer : C

Explanation: Parched means lacking moisture. Laconic means lacking words.

161) nursery is to plant as stable is to -----

- A. horse
- B. stallion
- C. steady
- D. mare

Answer : A

Explanation: Plants may be found in a nursery. Horses may be found in a stable.

162) broke is to break as said is to -----

- A. speak
- B. say
- C. spoke
- D. talk

Answer : B

Explanation: Broke is the past tense of break. Said is the past tense of say.

163) butter is to milk as iron is to -----

- A. ore
- B. steel
- C. extract
- D. rock

Answer : A

Explanation: Butter is made from milk. Iron is made from ore.

164) dictionary is to definitions as atlas is to -----

- A. globe
- B. countries
- C. maps
- D. earth

Answer : C

Explanation: A dictionary is comprised of definitions. An atlas is comprised of maps.

165) stag is to hind as buck is to -----

- A. deer
- B. foal
- C. doe
- D. fawn

Answer : C

Explanation : Stag and hind refer to male and female of some species of deer. Buck and doe refer to the male and female of other species of deer.

166) squad is to player as card is to -----

- A. suite
- B. deck
- C. game
- D. deal

Answer : B

Explanation: A squad is the most inclusive group to which a player can belong. A deck is the most

167) paint is to brush as shape is to -----

- A. file
- B. square
- C. form
- D. shade

Answer : A

Explanation: A brush is a tool used to paint. A file is a tool used to shape.

168) clay is to kiln as steel is to -----

- A. anvil
- B. heat
- C. harden
- D. forge

Answer : D

Explanation : Clay treated by heat in a kiln. Steel is treated by heat in a forge.

169) find is to seek as receive is to -----

- A. obtain
- B. ask
- C. search
- D. invite

Answer : B

Explanation: To find may be the result of to seek. To receive may be the result of to ask.

170) wheel is to turn as flame is to -----

- A. radiance
- B. glow
- C. burn
- D. heat

Answer : C

Explanation: To turn is the primary action of a wheel. To burn is the primary action of a flame.

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

171) ounce, stone, pound

- A. kilogramme
- B. tonne
- C. penny
- D. dram

Answer : D

Explanation : These are all imperial measurements of weight.

172) vulture, hyena, crow

- A. dolphin
- B. maggot
- C. eagle
- D. tiger

Answer : B

Explanation: These are all animals that eat carrion.

173) bright, gleaming, brilliant

- A. vigorous
- B. energetic
- C. radiant
- D. lively

Answer : C

Explanation: These are all synonyms.

174) capital, arch, column

- A. pilaster
- B. edifice
- C. bridge
- D. temple

Answer : A

Explanation : These are all architectural features.

175) bourbon, whisky, gin

- A. beer
- B. vodka
- C. wine
- D. lager

Answer : B

Explanation : These are all distilled spirits.

Instruction: Identify the relationship between the word group in the question.
Select the answer which fits best with the group.

176) wool, silk, leather

- A. cotton
- B. nylon
- C. linen
- D. fur

Answer : D

Explanation : These are all derived from animals.

177) pine, fir, cypress

- A. mahogany
- B. oak
- C. spruce
- D. teak.

Answer : C

Explanation: These are all coniferous evergreen trees.

178) throw, volley, sling

- A. hurl
- B. grab
- C. seize
- D. catch

Answer : A

Explanation: These are all means of propelling an object away from you.

179) alps, pennines, pyrenees

- A. rockies
- B. dolomites
- C. urals
- D. himalayas

Answer : B

Explanation : These are all European mountain ranges.

180) barber, florist, draper

- A. flower
- B. cloth
- C. milliner
- D. hair

Answer : C

Explanation: These are all trades or professions.

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

181) fleeting : evaporate

- A. pliant : yield
- B. clear : penetrate
- C. hard : struggle
- D. illusory : exist

Answer : A

Explanation: Something fleeting may evaporate. Something pliant may yield

182) note : bar

- A. word : sentence
- B. writing : paper
- C. picture : pencil
- D. word : letter

Answer : A

Explanation : A musical note is a component of a bar. A word is a component of a sentence.

183) blade : slice

- A. dig : shovel
- B. spade : hole
- C. bit : drill
- D. iron : grid

Answer : C

Explanation: A blade is used to slice. A bit is used to drill.

184) billy : nanny

- A. cow : bull
- B. lord : lady
- C. silly : sally
- D. cow : calf

Answer : B

Explanation:

These are male and female goats and peers respectively

185) lethargy : tonic

- A. revival : living
- B. ill : recovery
- C. cure : fix
- D. toxin : antidote

Answer : D

Explanation:

Lethargy can be remedied by a tonic. A toxin can be remedied by an antidote.

Identify the relationship between the word pair in the question.
Select the answer where the word pair shown has the most similar relationship.

186) slight : hurt

- A. lag : tardiness
- B. sound : noise
- C. time : lateness
- D. blind : light

Answer : A

Explanation:

A slight can result in a hurt. A lag can result in tardiness.

187) heel : foot

- A. beam : ship
- B. hand : palm
- C. stern : boat
- D. cruiser : vessel

Answer : C

Explanation:

The heel is at the rear of the foot. The stern is at the rear of a boat.

188) extort : obtain

- A. purify : strain
- B. steal : borrow
- C. explode : ignite
- D. pilfer : steal

Answer : D

Explanation:

Extortion is a way of obtaining. Pilfering is a way of stealing.

191) machine is to mechanic as patient is to -----

- A. dentist
- B. hospital
- C. disease
- D. ward

Answer : A

Explanation:

A machine is worked on by a mechanic. A patient is worked on by a dentist.

192) water is to pump as blood is to -----

- A. artery
- B. vein
- C. heart
- D. flow

Answer : C

Explanation:

Water is circulated by a pump. Blood is circulated by the heart

193) court is to judge as classroom is to -----

- A. teacher
- B. school
- C. learning
- D. pupil

Answer : A

Explanation:

A court is presided over by a judge. A classroom is presided over by a teacher.

194) see is to look as feel is to -----

- A. sense
- B. nerve
- C. hand
- D. touch

Answer : D

Explanation:

One must look in order to see. One must touch in order to feel.

195) paper is to tree as glass is to -----

- A. clear
- B. sand
- C. window
- D. stone

Answer : B

Explanation:

Paper is made from trees. Glass is made from sand.

196) settlement is to injury as pension is to -----

- A. pensioner
- B. maturity
- C. retirement
- D. age

Answer : C

Explanation:

A settlement is given following an injury. A pension is given following retirement

197) nib is to pen as lens is to -----

- A. seeing
- B. glass
- C. focus
- D. telescope

Answer : D

Explanation:

A nib is a component of a pen. A lens is a component of a telescope.

198) king is to throne as judge is to -----

- A. lawyer
- B. bench
- C. court
- D. trial

Answer : B

Explanation:

A king sits on a throne. A judge sits on a bench.

199) square is to cube as circle is to -----

- A. round
- B. ball
- C. pi
- D. sphere

Answer : D

Explanation:

A cube is a 3-dimensional square. A sphere is a 3-dimensional circle.

200) Medicine is to illness as Law is to -----

- A. anarchy
- B. discipline
- C. treason
- D. etiquette

Answer : A

Explanation:

Medicine is the remedy for illness. Law is the remedy for anarchy.

201) Choose the word most nearly opposite in meaning to - heed

- A. ignore
- B. express
- C. converse
- D. attend

Answer : A

202) Choose the word most nearly opposite in meaning to - frustrate

- A. mollify
- B. pacify
- C. encourage
- D. irritate

Answer : C

203) Choose the word most nearly opposite in meaning to - abandon

- A. keep
- B. discover
- C. recover
- D. locate

Answer : A

204) Choose the word most nearly opposite in meaning to - mordant

- A. serene
- B. gentle
- C. penetrating
- D. acerbic

Answer : B

205) Choose the word most nearly opposite in meaning to - dissonance

- A. note
- B. conformist
- C. chord
- D. harmony

Answer : D

206) Choose the word most nearly opposite in meaning to - refute

- A. believe
- B. prove
- C. allow
- D. contradict

Answer : B

207) Choose the word most nearly opposite in meaning to - sedentary

- A. exciting
- B. inanimate
- C. wearisome
- D. active

Answer : D

208) Choose the word most nearly opposite in meaning to - compromise

- A. confrontation
- B. concession
- C. indulgence
- D. allowance

Answer : A

209) Choose the word most nearly opposite in meaning to - opulence

- A. magnanimity
- B. abstinence
- C. moderation
- D. poverty

Answer : D

210) Choose the word most nearly opposite in meaning to - deliberate

- A. purposeful
- B. conscious
- C. accidental
- D. intentional

Answer : C

211) Choose the word most similar in meaning to - mesmerize

- A. contradict
- B. fascinate
- C. attack
- D. confuse

Answer : B

212) Choose the word most similar in meaning to - quirky

- A. appreciation
- B. ungrateful
- C. interruption
- D. peculiar

Answer : D

213) Choose the word most similar in meaning to - exonerate

- A. deteriorate
- B. convey
- C. deliberate
- D. absolve

Answer : D

214) Choose the word most similar in meaning to - consecrate

- A. dedicate
- B. decay
- C. appease
- D. plead

Answer : A

215) Choose the word most similar in meaning to - lament

- A. mourn
- B. impulse
- C. peril
- D. fraud

Answer : A

216) Choose the word most similar in meaning to - manipulate

- A. gerrymander
- B. condescend
- C. conciliate
- D. deviate

Answer : A

217) Choose the word most similar in meaning to - abstruse

- A. simple
- B. unadorned
- C. painful
- D. perplexing

Answer : D

218) Choose the word most similar in meaning to - incorporeal

- A. unbiased
- B. insubstantial
- C. deceptive
- D. agricultural

Answer : B

219) Choose the word most similar in meaning to - undermine

- A. subvert
- B. demand
- C. depreciate
- D. dishearten

Answer : A

220) Choose the word most similar in meaning to - ignominious

- A. thorough
- B. senseless
- C. discomfiting
- D. vague

Answer : C

221) Which word means - to waste away; to wither

- A. atrophy
- B. shrink
- C. desiccate
- D. contract

Answer : A

222) Which word means - to understand; to figure out

- A. dissemble
- B. improvise
- C. cosset
- D. fathom

Answer : D

223) Which word means - to scold; to reprove; to reproach

- A. berate
- B. refute
- C. condemn
- D. subjugate

Answer : A

224) Which word means - showy yet useless thing

- A. gadget
- B. bauble
- C. treasure
- D. gem

Answer : B

225) Which word means - to forgive; to release; to acquit

- A. denigrate
- B. relish
- C. absolve
- D. counter

Answer : C

226) Which word means - to envelop; to enclose

- A. commandeer
- B. ingratiate
- C. swathe
- D. coalesce

Answer : C

227) Which word means - to secure; to hold firmly, to engross

- A. concede
- B. expel
- C. abrogate
- D. rivet

Answer : D

228) Which word means - restrain; control

- A. lament
- B. liberate
- C. curb
- D. release

Answer : C

229) Which word means - garbled; confused; falsified

- A. duplicitous
- B. idiomatic
- C. irrelevant
- D. distorted

Answer : D

230) Which word means - submissive; slavish; subservient

- A. servile
- B. insubstantial
- C. enigmatic
- D. fatigued

Answer : A

231) Which word does not have a similar meaning to - happening

- A. proceeding
- B. episode
- C. event
- D. preceding

Answer : D

232) Which word does not have a similar meaning to - conclude

- A. comprise
- B. close
- C. terminate
- D. cease

Answer : A

233) Which word does not have a similar meaning to - antidote

- A. solution
- B. anecdote
- C. cure
- D. remedy

Answer : B

234) Which word does not have a similar meaning to - spurious

- A. bogus
- B. counterfeit
- C. winged
- D. specious

Answer : C

235) Which word does not have a similar meaning to - ambivalent

- A. undecided
- B. unsure
- C. ambiguous
- D. hesitant

Answer : C

236) Which word does not have a similar meaning to - sharp

- A. acrid
- B. sour
- C. harsh
- D. arid

Answer : D

237) Which word does not have a similar meaning to - display

- A. exhibit
- B. parade
- C. flout
- D. flaunt

Answer : C

238) Which word does not have a similar meaning to - theory

- A. opinion
- B. principle
- C. belief
- D. principal

Answer : D

239) Which word does not have a similar meaning to - obtain

- A. educe
- B. extract
- C. elicit
- D. illicit

Answer : D

240) Which word does not have a similar meaning to - attitude

- A. outlook
- B. aptitude
- C. approach
- D. manner

Answer : B

241) Choose the word most nearly opposite in meaning to - bucolic

- A. immature
- B. portly
- C. orderly
- D. urban

Answer : D

242) Choose the word most nearly opposite in meaning to - apposite

- A. inappropriate
- B. resplendent
- C. provincial
- D. recalcitrant

Answer : A

243) Choose the word most nearly opposite in meaning to - lurid

- A. bland
- B. horrible
- C. strident
- D. sensational

Answer : A

244) Choose the word most nearly opposite in meaning to - flippant

- A. bland
- B. horrible
- C. strident
- D. sensational

Answer : A

245) Choose the word most nearly opposite in meaning to - halcyon

- A. inarticulate
- B. turbulent
- C. vociferous
- D. tranquil

Answer : B

246) Choose the word most nearly opposite in meaning to - prescience

- A. prudence
- B. resentment
- C. forethought
- D. hindsight

Answer : D

247) Choose the word most nearly opposite in meaning to - germane

- A. undecided
- B. unsure
- C. ambivalent
- D. irrelevant

Answer : D

248) Choose the word most nearly opposite in meaning to - painstaking

- A. straightforward
- B. careless
- C. immediate
- D. painless

Answer : B

249) Choose the word most nearly opposite in meaning to - dispassionate

- A. composed
- B. compassionate
- C. sympathetic
- D. fiery

Answer : D

250) Choose the word most nearly opposite in meaning to - cognate

- A. consistent
- B. opposite
- C. different
- D. related

Answer : B

251) Choose the word most similar in meaning to - slander

- A. malign
- B. demote
- C. criticize
- D. fulminate

Answer : A

252) Choose the word most similar in meaning to - program

- A. disparity
- B. apparatus
- C. schedule
- D. equipment

Answer : C

253) Choose the word most similar in meaning to - crass

- A. thorough
- B. inscrutable
- C. insensitive
- D. unreadable

Answer : C

254) Choose the word most similar in meaning to - repudiate

- A. embellish
- B. undermine
- C. contradict
- D. disown

Answer : D

255) Choose the word most similar in meaning to - noisome

- A. deafening
- B. comprehensive
- C. offensive
- D. despondent

Answer : C

256) Choose the word most similar in meaning to - preponderate

- A. pretend
- B. outweigh
- C. conserve
- D. insinuate

Answer : B

257) Choose the word most similar in meaning to - salubrious

- A. unorganized
- B. noticeable
- C. salacious
- D. pure

Answer : D

258) Choose the word most similar in meaning to - augment

- A. deplete
- B. enhance
- C. disagree
- D. restrain

Answer : B

259) Choose the word most similar in meaning to - compliment

- A. circumvent
- B. renounce
- C. enhance
- D. observe

Answer : C

260) Choose the word most similar in meaning to - inarticulate

- A. hedonistic
- B. indistinct
- C. moderate
- D. unsophisticated

Answer : D

261) Which word means - to become semisolid; to thicken

- A. condense
- B. absorb
- C. impregnate
- D. coagulate

Answer : D

262) Which word means - division into two parts or kinds

- A. allotment
- B. dichotomy
- C. dissection
- D. split

Answer : B

263) Which word means - genuine; trustworthy; reliable

- A. fatuous
- B. transparent
- C. intangible
- D. authentic

Answer: D

264) Which word means - intentional; planned

- A. dormant
- B. premeditated
- C. tangible
- D. ineffectual

Answer : B

265) Which word means - to outline; to describe

- A. delineate
- B. propitiate
- C. dissemble
- D. extemporize

Answer : A

266) Which word means - morally bad; wicked; immoral

- A. nefarious
- B. flamboyant
- C. erroneous
- D. offensive

Answer : A

267) Which word means - obvious; substantial; tangible

- A. mysterious
- B. palpable
- C. reprehensible
- D. melodious

Answer : B

268) Which word means - to pay attention; to listen to

- A. heed
- B. absolve
- C. congregate
- D. quibble

Answer : A

269) Which word means - temporary; of passing interest

- A. ardent
- B. insincere
- C. transitory
- D. Discordant

Answer : C

270) Which word means - irresponsible; permissive; lenient

- A. lax
- B. refined
- C. convenient
- D. harrowing

Answer : A

271) Which word does not have a similar meaning to - situation

- A. ecology
- B. setting
- C. location
- D. environment

Answer : A

272) Which word does not have a similar meaning to - unconcerned

- A. apathetic
- B. nonchalant
- C. indifferent
- D. disinterested

Answer : D

273) Which word does not have a similar meaning to - agreement

- A. compliance
- B. obedience
- C. conformity
- D. complacence

Answer :D

274) Which word does not have a similar meaning to - besides

- A. also
- B. beside
- C. further
- D. moreover

Answer : B

275) Which word does not have a similar meaning to - site

- A. situation
- B. location
- C. place
- D. cite

Answer : D

276) Which word does not have a similar meaning to - substantiate

- A. uphold
- B. confirm
- C. corroborate
- D. collaborate

Answer : D

277) Which word does not have a similar meaning to - covetous

- A. grasping
- B. envious
- C. angry
- D. desirous

Answer : C

278) Which word does not have a similar meaning to - pretentious

- A. conceited
- B. ostentatious
- C. affected
- D. effected

Answer : D

279) Which word does not have a similar meaning to - morose

- A. melancholy
- B. saturnine
- C. melanistic
- D. gloomy

Answer : C

280) Which word does not have a similar meaning to - educational

- A. instructive
- B. cogent
- C. didactic
- D. edifying

Answer: B

281) Choose the word most nearly opposite in meaning to - foster

- A. cultivate
- B. withhold
- C. discourage
- D. confide

Answer :Option C

282) Choose the word most nearly opposite in meaning to - disdain

- A. prize
- B. regard
- C. reward
- D. respect

Answer : Option D

283) Choose the word most nearly opposite in meaning to - bombastic

- A. pretentious
- B. straightforward
- C. free
- D. complicated

Answer : Option B

284) Choose the word most nearly opposite in meaning to - proverbial

- A. common
- B. unknown
- C. unfamiliar
- D. recognizable

Answer :Option C

285) Choose the word most nearly opposite in meaning to - dally

- A. tardy
- B. linger
- C. depart
- D. hurry

Answer :Option D

286) Choose the word most nearly opposite in meaning to - coy

- A. blatant
- B. brazen
- C. obvious
- D. timid

Answer :Option B

287) Choose the word most nearly opposite in meaning to - problematic

- A. challenging
- B. adhesive
- C. awkward
- D. easy

Answer : Option D

288) Choose the word most nearly opposite in meaning to - lustrous

- A. tedious
- B. smooth
- C. uneven
- D. dull

Answer : Option D

289) Choose the word most nearly opposite in meaning to - meander

- A. follow
- B. quicken
- C. rush
- D. curve

Answer : Option C

290) Choose the word most nearly opposite in meaning to - malign

- A. praise
- B. harmless
- C. befriend
- D. support

Answer : Option A

291) Choose the word most similar in meaning to - pittance

- A. sinecure
- B. servant
- C. trifle
- D. opinion

Answer : Option C

292) Choose the word most similar in meaning to - profane

- A. blasphemous
- B. tender
- C. volunteer
- D. bestow

Answer : Option A

293) Choose the word most similar in meaning to - yield

- A. purify
- B. measure
- C. succumb
- D. blight

Answer : Option C

294) Choose the word most similar in meaning to - figment

- A. figure
- B. fabrication
- C. outline
- D. shape

Answer : Option B

295) Choose the word most similar in meaning to - inconsistency

- A. division
- B. anomaly
- C. trait
- D. quirk

Answer : Option B

296) Choose the word most similar in meaning to - nullify

- A. aggravate
- B. establish
- C. transform
- D. invalidate

Answer : Option D

297) Choose the word most similar in meaning to - rebuke

- A. censure
- B. implore
- C. disparage
- D. denigrate

Answer : Option A

298) Choose the word most similar in meaning to - unpretentious

- A. realistic
- B. problematic
- C. pragmatic
- D. modest

Answer : Option D

299) Choose the word most similar in meaning to - applause

- A. evocation
- B. citation
- C. commendation
- D. acclaim

Answer : Option D

300) Choose the word most similar in meaning to - striated

- A. forgiving
- B. friendly
- C. lined
- D. urgent

Answer : Option C

301) Which word means - hard work; intense pain; toil

- A. acrimony
- B. rancour
- C. troth
- D. travail

Answer : Option D

302) Which word means - to merge; to combine; to unite

- A. amalgamate
- B. solidify
- C. exonerate
- D. evaporate

Answer : Option A

303) Which word means - disaster

- A. calumny
- B. calamity
- C. autocracy
- D. blow

Answer : Option B

304) Which word means - person who spends money extravagantly

- A. archetype
- B. wastrel
- C. miser
- D. epitome

Answer : Option B

305) Which word means - effect; final act or result; consequence

- A. upshot
- B. paradox
- C. closure
- D. hindsight

Answer : Option A

306) Which word means - official paper; deed; certificate

- A. act
- B. action
- C. document
- D. patron

Answer : Option C

307) Which word means - shackle; hindrance

- A. fetter
- B. closure
- C. knot
- D. tie

Answer :Option A

308) Which word means - nobility; fairness; generosity

- A. abstinence
- B. magnanimity
- C. parody
- D. affluence

Answer : Option B

309) Which word means - fear of foreigners or strangers

- A. turpitude
- B. chauvinism
- C. xenophobia
- D. idolatry

Answer : Option C

310) Which word means - symbol; metaphor

- A. allegory
- B. dictum
- C. adage
- D. aphorism

Answer : Option A

311) Which word does not have a similar meaning to - prominent

- A. eminent
- B. renowned
- C. imminent
- D. famous

Answer : Option C

312) Which word does not have a similar meaning to - inclusive

- A. widespread
- B. complete
- C. comprehensive
- D. comprehensible

Answer : Option D

313) Which word does not have a similar meaning to - disdainful

- A. contemptible
- B. contemptuous
- C. condescending
- D. scorning

Answer : Option A

314) Which word does not have a similar meaning to - unbroken

- A. continuous
- B. constant
- C. intermittent
- D. incessant

Answer : Option C

315) Which word does not have a similar meaning to - guidance

- A. council
- B. support
- C. advice
- D. counsel

Answer : Option A

316) Which word does not have a similar meaning to - circumspect

- A. tactful
- B. discreet
- C. diplomatic
- D. discrete

Answer : Option D

317) Which word does not have a similar meaning to - metaphorically

- A. symbolically
- B. literally
- C. allegorically
- D. figuratively

Answer: Option B

318) Which word does not have a similar meaning to - lessen

- A. militate
- B. mitigate
- C. diminish
- D. ease

Answer : Option A

319) Which word does not have a similar meaning to - elude

- A. avoid
- B. escape
- C. allude
- D. evade

Answer : Option C

320) Which word does not have a similar meaning to - dubious

- A. doubtful
- B. incredulous
- C. questioning
- D. uncertain

Answer : Option B

321) Choose the word most nearly opposite in meaning to - ambiguous

- A. tentative
- B. obvious
- C. vague
- D. uncertain

Answer : Option B

322) Choose the word most nearly opposite in meaning to - turbid

- A. pretentious
- B. dull
- C. clear
- D. opaque

Answer : Option C

323) Choose the word most nearly opposite in meaning to - pious

- A. arrogant
- B. irreverent
- C. wealthy
- D. moral

Answer : Option B

324) Choose the word most nearly opposite in meaning to - arrogate

- A. commandeer
- B. seize
- C. defeat
- D. surrender

Answer : Option D

325) Choose the word most nearly opposite in meaning to - timorous

- A. brave
- B. ambiguous
- C. perceptive
- D. comprehending

Answer : Option A

326) Choose the word most nearly opposite in meaning to - exigent

- A. strenuous
- B. light
- C. easy
- D. difficult

Answer : Option C

327) Choose the word most nearly opposite in meaning to - absolve

- A. condemn
- B. pardon
- C. free
- D. exonerate

Answer: Option A

328) Choose the word most nearly opposite in meaning to - pragmatic

- A. irrational
- B. impractical
- C. exuberant
- D. realistic

ANSwer : Option B

329) Choose the word most nearly opposite in meaning to - tawdry

- A. prosperous
- B. clean
- C. privileged
- D. tasteful

Answer : Option D

330) Choose the word most nearly opposite in meaning to - fecund

- A. productive
- B. abundant
- C. barren
- D. unfriendly

Answe : Option C

331) Choose the word most similar in meaning to - eject

- A. misrepresent
- B. oust
- C. renounce
- D. thrive

Answer : Option B

331) Choose the word most similar in meaning to - eject

- A. misrepresent
- B. oust
- C. renounce
- D. thrive

[View answer](#) [Discuss in forum](#)

Answer : Option B

332) Choose the word most similar in meaning to - stability

- A. complicity
- B. veracity
- C. conspiracy
- D. homeostasis

Answer : Option D

333) Choose the word most similar in meaning to - sodden

- A. saturated
- B. incomplete
- C. worthless
- D. rudimentary

Answer : Option A

334) Choose the word most similar in meaning to - aggrandize

- A. presume
- B. understand
- C. exaggerate
- D. appease

Answer : Option C

335) Choose the word most similar in meaning to - suffuse

- A. overspread
- B. shrink
- C. obstruct
- D. renounce

Answer : Option A

336) Choose the word most similar in meaning to - condescend

- A. criticize
- B. usurp
- C. patronize
- D. contribute

Answer : Option C

337) Choose the word most similar in meaning to - expedite

- A. beckon
- B. exterminate
- C. disrespect
- D. facilitate

Answer : Option D

338) Choose the word most similar in meaning to - argumentative

- A. strident
- B. confrontational
- C. irreverent
- D. vociferous

Answer : Option B

339) Choose the word most similar in meaning to - contradict

- A. gainsay
- B. oppose
- C. disparage
- D. tarnish

Answer : Option A

340) Choose the word most similar in meaning to - perplex

- A. dither
- B. affiliate
- C. discomfit
- D. reiterate

Answer : Option C

341) Which word means - to make better; to improve

- A. advance
- B. rearrange
- C. eradicate
- D. emasculate

Answer : Option A

342) Which word means - to fall; to flow, to pour

- A. babble
- B. counter
- C. proceed
- D. cascade

Answer : Option D

343) Which word means - to replace; to usurp

- A. sheathe
- B. grieve
- C. supplant
- D. mark

Answer : Option C

344) Which word means - to deter; to discourage

- A. empathize
- B. diminish
- C. appreciate
- D. daunt

Answer : Option D

345) Which word means - to emerge; to issue; to emit

- A. emanate
- B. infuse
- C. quibble
- D. tirade

Answer : Option A

346) Which word means - continuous; eternal; never ceasing

- A. indistinct
- B. perpetual
- C. vigilant
- D. imperturbable

Answer : Option B

347) Which word means - unjustifiably malicious; immoral; unmanageable

- A. wanton
- B. diffident
- C. barren
- D. trite

Answer : Option A

348) Which word means - to accumulate; to gather

- A. abjure
- B. assess
- C. amass
- D. deliberate

Answer : Option C

349) Which word means - with passionate or intense feelings

- A. temperamental
- B. transitory
- C. disconsolate
- D. ardent

Answer : Option D

350) Which word means - tuneful; compatible; marked by agreement

- A. inclusive
- B. harmonious
- C. saturated
- D. lucid

Answer : Option B

351) Which word does not have a similar meaning to - recalcitrant

- A. obstinate
- B. pessimistic
- C. intractable
- D. disobedient

Answer : Option B

352) Which word does not have a similar meaning to - equanimity

- A. contradictory
- B. self-control
- C. calmness
- D. poise

Answer : Option A

353) Which word does not have a similar meaning to - rudimentary

- A. basic
- B. elementary
- C. simple
- D. mature

Answer : Option D

354) Which word does not have a similar meaning to - except

- A. bar
- B. accept
- C. exclude
- D. ban

Answer : Option B

355) Which word does not have a similar meaning to - amiss

- A. improper
- B. unsuitable
- C. avoid
- D. incorrect

Answer: Option C

356) Which word does not have a similar meaning to - condemn

- A. critique
- B. disparage
- C. criticize
- D. censure

Answer : Option A

357) Which word does not have a similar meaning to - populated

- A. crowded
- B. packed
- C. populous
- D. populace

Answer : Option D

358) Which word does not have a similar meaning to - energize

- A. rejuvenate
- B. strengthen
- C. enervate
- D. uplift

Answer : Option C

359) Which word does not have a similar meaning to - comprise

- A. compose
- B. cover
- C. contain
- D. encompass

Answer : Option A

360) Which word does not have a similar meaning to - outcome

- A. affect
- B. result
- C. upshot
- D. effect

Answer : A

Select the option which corresponds to the correctly spelled word:

361) A. resistance

- B. resistense
- C. resistance
- D. resistanse

- A
- B
- C
- D

Correct Answer : C

362) A. preference

- B. prefarence
- C. prefrance
- D. preference

- A
- B
- C
- D

Correct Answer : D

363) A. presedence

- B. presedance
- C. precdance
- D. precedence

A B C D

Correct Answer : D

364) A. accomplish

- B. accomlish
- C. accommplish
- D. accomplesh

A B C D

Correct Answer : A

365) A. pamflets

- B. pamphelets
- C. pamphlets
- D. pamfelets

A B C D

View answer Discuss in forum

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

366) A. apearence

- B. appearence
- C. appearanse
- D. appearance

- A
- B
- C
- D

Correct Answer : D

367) A. contreversial

- B. contreversel
- C. controversial
- D. controvertial

- A
- B
- C
- D

Correct Answer : C

368) A. millionaire

- B. millionnaire
- C. milionairre
- D. millionnairre

- A
- B
- C
- D

Correct Answer : A

369) A. resemblance

- B. resembelance
- C. resemblance
- D. resembalance

- A
- B
- C
- D

Correct Answer : D

370) A. vacum

- B. vacuumb
- C. vacuum
- D. vacumb

- A
- B
- C
- D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

371) A. omission

- B. ommission
- C. ommision
- D. omision

- A
- B
- C
- D

Correct Answer : A

372) A. manefacture

- B. manufacture
- C. manufactuer
- D. maneufacture

- A
- B
- C
- D

Correct Answer : B

373) A. irrelevant

B. irrelevent

C. irrelavant

D. irrelevant

A
B
C
D

Correct Answer : D

374) A. unnnaninous

B. unnnaninus

C. unanninuous

D. unanimous

A
B
C
D

Correct Answer : D

375) A. ridiculus

B. rediculous

C. ridiculous

D. rediceulous

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

376) A. fallacy

B. fallicy

C. falacy

D. fallasy

A
B
C
D

Correct Answer : A

377) A. enviroment

B. environment

C. envirement

D. envirenment

A
B
C
D

Correct Answer : B

378) A. caracteristic

B. carachteristic

C. characteristic

D. characteristic

A
B
C
D

Correct Answer : D

379) A. incedrable

B. incredeble

C. incredible

D. incredeable

A
B
C
D

Correct Answer : C

380) A. immedeately

B. immediatley

C. immediately

D. imediately

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

381) A. parallel

B. parrallel

C. parralel

D. paralel

A
B
C
D

Correct Answer : A

382) A. usally

B. usualy

C. usaly

D. usually

A
B
C
D

Correct Answer : D

383) A. practicaly

B. practically

C. practicaley

D. practiccally

A
B
C
D

Correct Answer : B

384) A. camoflage

B. camoufflage

C. camorfflage

D. camorfladge

A
B
C
D

Correct Answer

385) A. promenent

B. prominant

C. prominent

D. promenant

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

386) A. dispensible

B. dispensable

C. dispenseble

D. dispenseable

A
B
C
D

Correct Answer : B

387) A. eligible

B. eligable

C. elegable

D. elegible

A
B
C
D

Correct Answer : A

388) A. begining

B. beggining

C. begining

D. beginning

A
B
C
D

Correct Answer : D

389) A. condem

B. conndemn

C. conndem

D. condemn

A
B
C
D

Correct Answer : D

390) A. experiance

B. expereince

C. experiense

D. experience

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

391) A. reminicence

B. reminisence

C. reminiscence

D. reminiscense

A
B
C
D

Correct Answer : C

392) A. government

B. goverment

C. govrenment

D. govenment

A
B
C
D

Correct Answer : A

393) A. barbacue

B. barbicue

C. barbique

D. barbecue

A
B
C
D

Correct Answer : D

394) A. usable

B. useble

C. useible

D. usible

A
B
C
D

Correct Answer : A

395) A. genious

B. genios

C. genius

D. geneus

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

396) A. suseptible

B. suseptable

C. susceptible

D. susceptible

A
B
C
D

Correct Answer : D

397) A. persperation

B. persperasion

C. perspiration

D. perspirasion

A
B
C
D

Correct Answer : C

398) A. unnforgettable

B. unforgettable

C. unforgetable

D. unnforgettable

A
B
C
D

Correct Answer : B

399) A. unecessary

B. unnecessary

C. unneccessary

D. unnecesary

A
B
C
D

Correct Answer : B

400) A. conceive

B. concieve

C. conseive

D. consieve

A
B
C
D

Correct Answer : A

401) A. occassion

B. ocassion

C. occasion

D. occation

A
B
C
D

Correct Answer : C

402) A. repetision

B. repetition

C. repertition

D. reperticion

A
B
C
D

Correct Answer : B

403) A. disipline

B. disepline

C. discepline

D. discipline

A
B
C
D

Correct Answer : D

404) A. maintenance

B. maintainance

C. maintainance

D. mainteanance

A
B
C
D

Correct Answer : A

405) A. calandar

B. calender

C. calander

D. calendar

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

406) A. desease

B. disease

C. desiese

D. dicease

A
B
C
D

Correct Answer : B

407) A. descend

B. desend

C. decend

D. decsend

A
B
C
D

Correct Answer : A

408) A. expence

B. ecspense

C. expense

D. ecsponce

A
B
C
D

Correct Answer : C

409) A. pronounse

B. pronounce

C. pronnounce

D. pronnounse

A
B
C
D

Correct Answer : B

410) A. obstacle

B. obstacle

C. obstecle

D. obsteacl

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

411) A. genrally

B. generally

C. generaly

D. generaley

A
B
C
D

Correct Answer : B

412) A. elimanate

B. eliminate

C. eliminate

D. elliminate

A
B
C
D

Correct Answer : C

413) A. obediance

B. obedience

C. obediense

D. obidience

A
B
C
D

Correct Answer : B

414) A .abundance

B. abundence

C. abundanse

D. abundense

A
B
C
D

Correct Answer : A

415) A. conceivable

B. concievable

C. conceiveble

D. conceivabe

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

416) A. legitimit

B. legitimite

C. legitimate

D. legitemate

A
B
C
D

Correct Answer : C

417) A.experiment

B. experement

C. experemant

D. experimant

A
B
C
D

Correct Answer : A

418) A. seprate

B. seperate

C. seperrate

D. separate

A
B
C
D

Correct Answer : D

419) A. fundementaly

B. fundamentally

C. fundemently

D. fundamentally

A
B
C
D

Correct Answer : D

420) A. peaceable

B. peaciable

C. peaceble

D. peaceible

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

421) A. properganda

B. propeganda

C. propaganda

D. propagander

A
B
C
D

Correct Answer : C

422) A. prejudice

B. predjudice

C. prejudise

D. predjudise

A
B
C
D

Correct Answer : A

423) A. sentance

B.sentence

C. sentense

D. sentanse

A
B
C
D

Correct Answer : B

424) A. withdraweral

B. withdrawel

C. withdrawal

D. withdrawall

A
B
C
D

Correct Answer : C

425) A, disastrous

B. disasterous

C. disasterus

D. disastreous

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

426) A. imagineary

B. imaginery

C. imaginary

D. imaginry

A
B
C
D

Correct Answer : C

427) A. usage

B. useage

C. usege

D. usedge

A
B
C
D

Correct Answer : A

428) A. pavillion

B. pavileon

C. pavilion

D. pavilleon

A
B
C
D

Correct Answer : C

429) A. maneageable

B. manegeable

C. managible

D. manageable

A
B
C
D

Correct Answer : D

430) A. reprasentative

B. reprasentitive

C. representative

D. representative

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

431) A. begger

B. beggar

C. begar

D. beger

A
B
C
D

Correct Answer : B

432) A. spontaneous

B. spontaineous

C. spontainous

D. spontanious

A
B
C
D

Correct Answer : A

433) A. defenition

B. definition

C. defenision

D. definision

A
B
C
D

Correct Answer : B

434) A. embarrass

B. embarass

C. embarras

D. emmbarass

A
B
C
D

Correct Answer : A

435) A. accessable

B. acessible

C. accessible

D. acessable

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

436) A. exceed

B. exccceed

C. eceed

D. exseed

A
B
C
D

Correct Answer : A

437) A. ligtening

B. lightnering

C. lightning

D. lightnning

A
B
C
D

Correct Answer : C

438) A. reservior

B. resevoir

C. reservoir

D. resavoir

A
B
C
D

Correct Answer : C

439) A. stratigy

B. stratagy

C. strategy

D. strategy

A
B
C
D

Correct Answer : D

440) A. opponet

B. oppoenent

C. opponant

D. opponnent

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

441) A. apparrent

B. apparent

C. aparrent

D. apparant

A
B
C
D

Correct Answer : B

442) A. stubbornness

B. stuborness

C. stubbornness

D. stubborness

A
B
C
D

Correct Answer : A

443) A. preceding

B. preceeding

C. preceeding

D. priceeding

A
B
C
D

Correct Answer : A

444) A. outragous

B. outrageos

C. outrageous

D. outragious

A
B
C
D

Correct Answer : C

445) A. equivelent

B. equivalant

C. equivalent

D. equivelant

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

446) A. encouraging

B. encoureging

C. encoureaging

D. encoraging

A
B
C
D

Correct Answer : A

447) A. posessive

B. possessive

C. posesive

D. possesive

A
B
C
D

Correct Answer : B

448) A. vigilant

B. vigillent

C. viligant

D. vigilant

A
B
C
D

Correct Answer : D

449) A. continous

B. continuos

C. continuous

D. contineous

A
B
C
D

Correct Answer : C

450) A. millennium

B. millennium

C. millenium

D. milenium

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

451) A. physisian

B. physician

C. pysician

D. pysichian

A
B
C
D

Correct Answer : B

452) A. mischievous

B. mischeivous

C. mischievious

D. mischeivios

A
B
C
D

Correct Answer : A

453) A. occurence

B. occurence

C. occurrence

D. ocurence

A
B
C
D

Correct Answer : C

454) A. performance

B. performance

C. performanse

D. performense

A
B
C
D

Correct Answer : B

455) A. pronunciation

B. pronunsiation

C. pronunciasion

D. prenunciasion

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

- 456) A. absense
B. absanse
C. absence
D. absance

A
B
C
D

Correct Answer : C

- 457) A. acquitted
A. acquitted
A. aquited
A. aquittid

A
B
C
D

Correct Answer : B

- 458) A. basicaly
B. basically
C. basicelly
D. basicalley

A
B
C
D

Correct Answer : B

- 459) A. incidentally
B. incidentaly
C. incidenetally
D. incidentelly

A
B
C
D

Correct Answer : A

- 460) A. lonliness
B. lonleyness
C. lonelyness
D. loneliness

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

- 461) A. humorus
B. humourous
C. humorous
D. humouros

A
B
C
D

Correct Answer : C

- 462) A. financailly
B. financially
C. financialy
D. finanshially

A
B
C
D

View answer Discuss in forum
Correct Answer : B

- 463) A. condescend
B. condesend
C. condecend
D. condasend

A
B
C
D

Correct Answer : A

- 464) A. warrent
B. warrant
C. warant
D. warent

A
B
C
D

Correct Answer : B

- 465) A. releiving
B. relleiving
C. relieiving
D. relieving

A
B
C
D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

- 466) A. omited
B. omitted
C. ommitted
D. ommited

A
B
C
D

Correct Answer : B

- 467) A. sacrifice
B. sacrefice
C. sacrificse
D. sacrefise

A
B
C
D

Correct Answer : A

- 468) A. intellegence
B. intelligance
C. intelligence
D. intellegance

A
B
C
D

Correct Answer : C

- 469) A. higiene
B. hygiene
C. hygeine
D. higeine

A
B
C
D

Correct Answer : B

470) A. feulling

- B. fueling
- C. fuelling
- D. feuelling

A
B
C
D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

471) A. exhaust

- B. exahust
- C. ecshaust
- D. exhaust

A
B
C
D

Correct Answer : D

472) A. climbed

- B. climed
- C. climmed
- D. cliemed

A
B
C
D

Correct Answer : A

473) A. worthwhile

- B. wortwhile
- C. worthewhile
- D. worthwhile

A
B
C
D

Correct Answer : D

474) A. tempramental

- B. temperamental
- C. tempremental
- D. temperemental

A
B
C
D

Correct Answer : B

475) A. simultaneous

- B. simulteneous
- C. simultaneous
- D. simultanious

A
B
C
D

Correct Answer : C

476) A. possibility

- B. posability
- C. possibility
- D. possebility

A
B
C
D

Correct Answer : C

477) A. challenge

- B. challange
- C. chalenge
- D. chalange

A
B
C
D

Correct Answer : A

478) A. noticeable

- B. noticable
- C. noticeble
- D. noticeible

A
B
C
D

Correct Answer : A

479) A. particuler

- B. particuller
- C. particular
- D. particullar

A
B
C
D

Correct Answer : C

480) A. scarry

- B. scary
- C. scarey
- D. scarrey

A
B
C
D

Correct Answer : B

Select the option which corresponds to the correctly spelled word:

481) A. tommorrow

- B. tomorrow
- C. tomorow
- D. tomorrow

A
B
C
D

Correct Answer : B

482) A. utilizasion

- B. utillization
- C. utilization
- D. utilizasion

A
B
C
D

Correct Answer : C

483) A. accumulate

- B. acumulate
- C. accummulate
- D. acumulate

A
B
C
D

Correct Answer : A

Select the option which corresponds to the correctly spelled word:

- 486) A. existance
- B. existanse
- C. existence
- D. existanse

- A
- B
- C
- D

Correct Answer : C

- 487) A. guardian
- B. gardian
- C. gardien
- D. guardien

- A
- B
- C
- D

Correct Answer : A

- 488) A. medecine
- B. medicine
- C. medisine
- D. medicin

- A
- B
- C
- D

Correct Answer : B

- 489) A. insurance
- B. insurrance
- C. insurence
- D. insuranse

- A
- B
- C
- D

Correct Answer : A

- 490) A. floreseant
- B. fluoresent
- C. flurescent
- D. fluorescent

- A
- B
- C
- D

Correct Answer : D

Select the option which corresponds to the correctly spelled word:

- 491) A. defendent
- B. defendant
- C. deffendant
- D. deffendent

- A
- B
- C
- D

[View answer](#) [Discuss in forum](#)

Correct Answer : B

- 492) A. collectible
- B. collectabel
- C. collecteble
- D. colectable

- A
- B
- C
- D

Correct Answer : A

- 493) A. necessety
- B. neccessity
- C. necessity
- D. necesety

- A
- B
- C
- D

Correct Answer : C

- 494) A. opportunity
- B. oppportunity
- C. oportunity
- D. opportunety

- A
- B
- C
- D

Correct Answer : A

- 495) A. recieve
- B. recceive
- C. receive
- D. resieve

- A
- B
- C
- D

Correct Answer : C

Select the option which corresponds to the correctly spelled word:

- 496) A. suficient
- B. sufficient
- C. suffisient
- D. sufficeint

- A
- B
- C
- D

Correct Answer : B

- | | | | | |
|-------------|--------------|--------------|---------------|---|
| 497) | A | B | C | D |
| miselaneous | misellaneous | miscelaneous | miscellaneous | |

- A
- B
- C
- D

Correct Answer : D

- | | | | | |
|----------|----------|----------|-----------|---|
| 498) | A | B | C | D |
| cemetery | cemetary | cemmtery | cemettery | |

- A
- B
- C
- D

Correct Answer : A

- 499) A. impliment
- B. implament
- C. implement
- D. implenment

- A
- B
- C
- D

Correct Answer : C

- 500) A. Likely B. Likley C. Likelly D. likeley

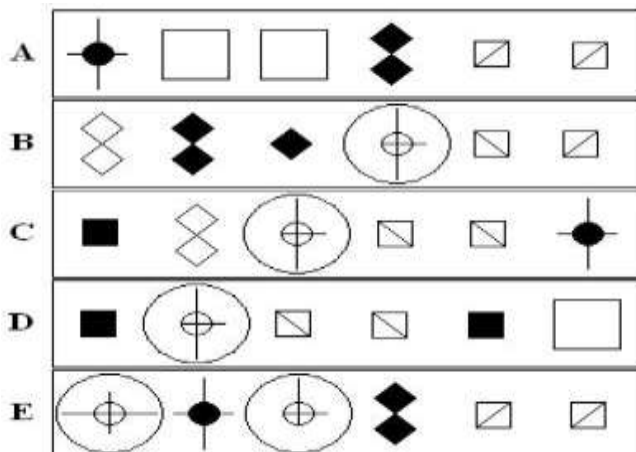
- A
- B
- C
- D

Correct Answer : A

FCMB Aptitude Test for Graduates - Abstract Reasoning

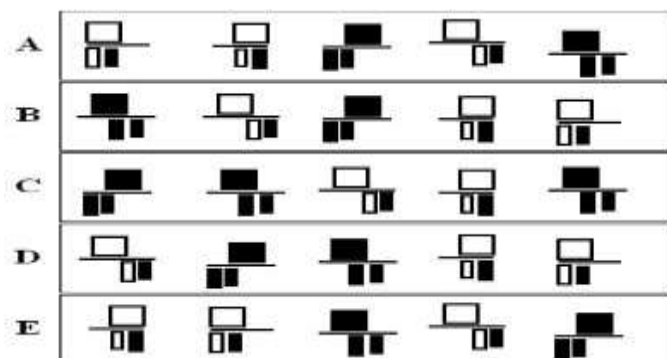
Abstract Reasoning assesses your ability to understand complex concepts and assimilate new information outside of your previous experience. The questions consist of items which require you to recognize patterns and similarities between shapes and figures.

1) Which figure is the odd one out?



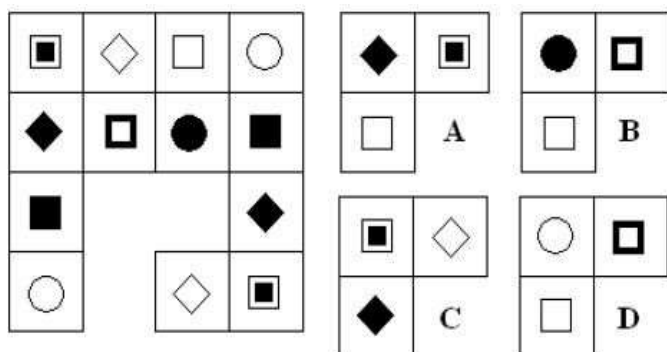
Explanation: Figure B is the odd one out. It is the only one in which the diagonals in the diagonal-within-square are not the same.

2) Which figure is the odd one out?



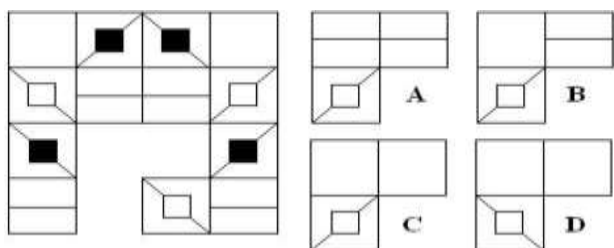
Explanation: Figure C is the odd one out. It is the only figure which does not contain one of each of the sets of shapes, the second and fifth are identical.

3) Which figure completes the grid?



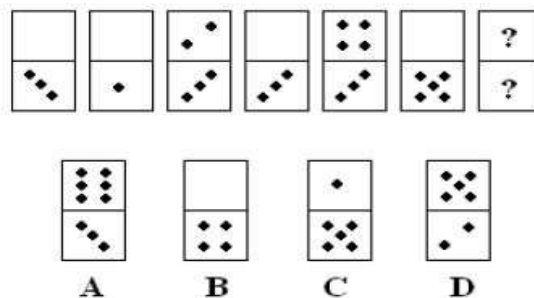
Explanation: Diagonally opposite corners of the grid are colour inversions. Option B completes the grid.

4) Which figure completes the grid?



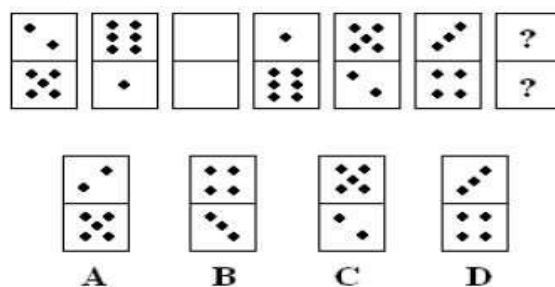
Explanation: The halves of the grid are mirror images in the vertical plane. Option C completes the grid.

5) Which figure is next in the series?



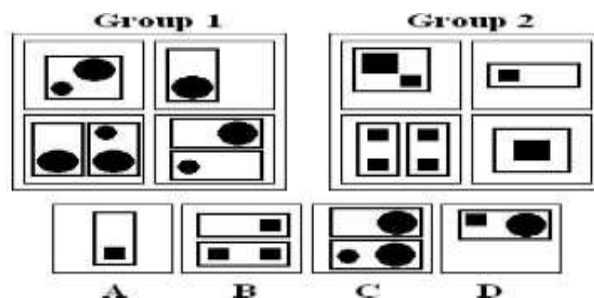
Explanation: The top halves of the dominoes have the ascending sequence Blank, 1, 2, 3, etc. The bottom halves have repeat the sequence 3, Blank, 3, Blank, etc. Alternate dominoes are then inverted. Option A completes this sequence.

6) Which figure is next in the series?



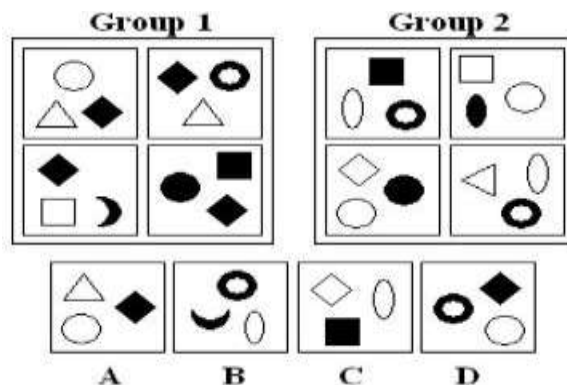
Explanation: The top halves of the dominoes have the descending sequence 2, 1, Blank, six, five, etc. The bottom halves have the ascending sequence 5, 6, Blank, 1, 2, 3, etc. Alternate dominoes are then inverted. Option D completes this sequence.

7) Which figure belongs in neither group?



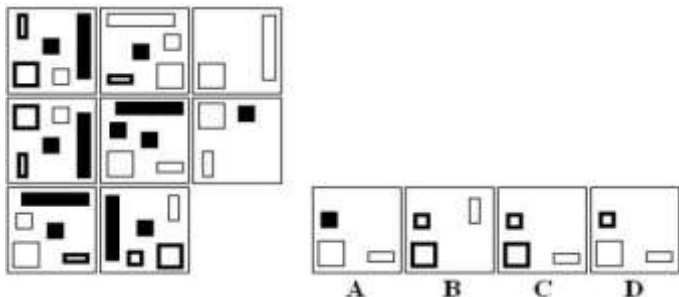
Explanation: The figures in Group1 circles within rectangles. The figures in Group 2 contain squares within rectangles. Option D belongs in neither group.

8) Which figure belongs in neither group?



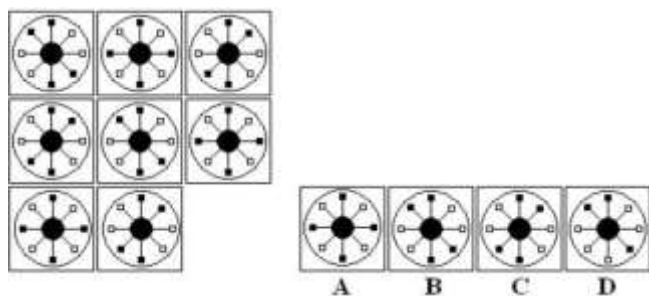
Explanation: The figures in Group1 contain three shapes, one of which is curved. The figures in Group 2 contain three shapes, two of which are curved. Option B belongs in neither group.

9) Which figure completes the series?



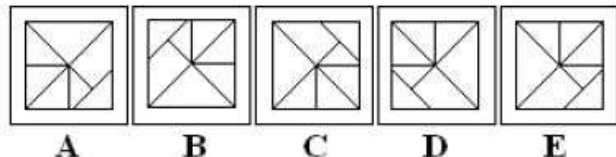
Explanation: Option C is correct. The figures in the third column are the sum of the figures in columns one and two, subject to the following rules. If the same shape appears in column one and column two it is deleted. The remaining figure is rotated 90 degrees Clockwise

10) Which figure completes the series?



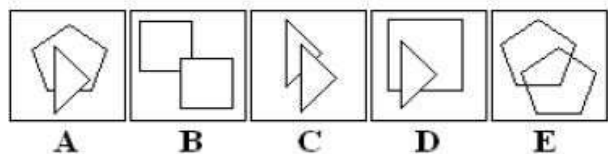
Explanation: Option B is correct. The squares in the third column are the sum of the squares in columns one and two, subject to the following rules. If the colour of the squares is the same then the result is black. If the colour of the squares is different then the result is White.

11) Which figure is the odd one out?



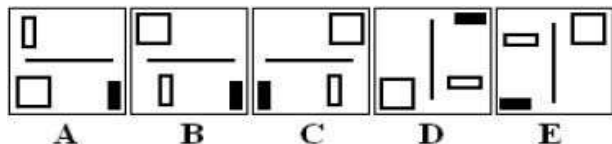
Explanation: Option E is the odd one out as it is neither a reflection nor a rotation of the others.

12) Which figure is the odd one out?



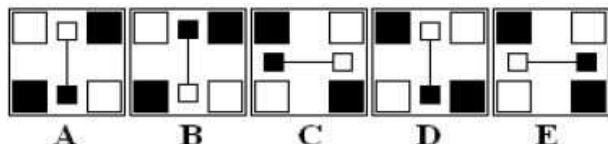
Explanation: Option D is the odd one out as it is the only one in which the sum of the sides of the shapes is an odd number.

13) Which figure is the odd one out?



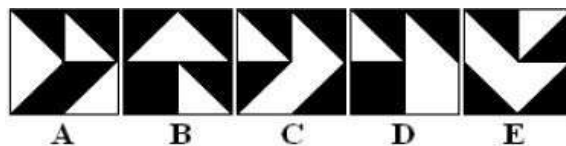
Explanation: Option A is the odd one out as it is neither a reflection nor a rotation of the others

14) Which figure is the odd one out?



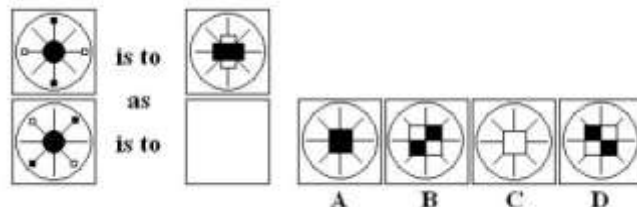
Explanation: Option D is the odd one out as it is a reflection, not a rotation, of the others.

15) Which figure is the odd one out?



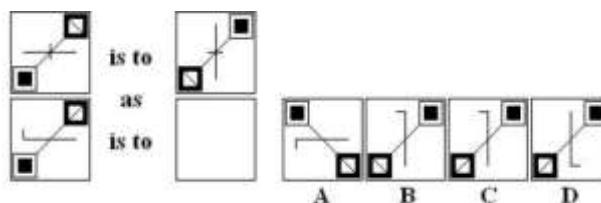
Explanation: Option B is the odd one out as it contains an additional black triangle.

16) Which figure completes the statement?



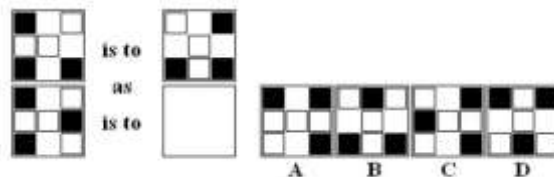
Explanation: The whole figure is rotated through 90 degrees anticlockwise. Option B is the correct answer.

17) Which figure completes the statement?



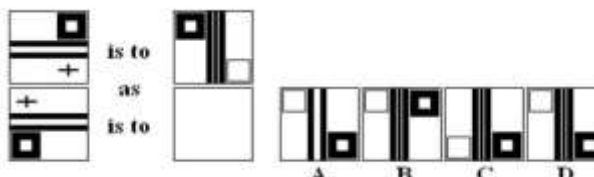
Explanation: The square-within-square is reflected in the vertical plane. The cross becomes a white square. The black lines are rotated through 90 degrees and a black line is added between them. Option D is the correct answer.

18) Which figure completes the statement?



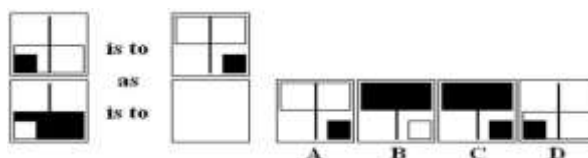
Explanation: The rectangle is reflected in the horizontal plane. The square is reflected in the vertical plane. Option B is the correct answer.

19) Which figure completes the statement?



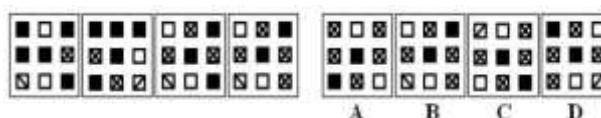
Explanation: This transformation follows three rules depending on the colour of the squares on each end of the three lines. If both squares are white, they are removed. If both squares are black, they become white. If there is a black and a white square, then both squares become black. Option D is correct

20) Which figure completes the statement?



Explanation: The figure is rotated through 90 degrees anticlockwise and the colours are inverted. Option C is correct.

21) Which figure completes the series?



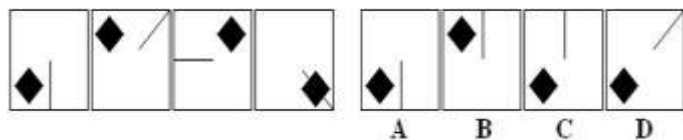
Explanation: Subsequent figures have an additional white-square-with-cross. Option A completes the sequence.

22) Which figure completes the series?



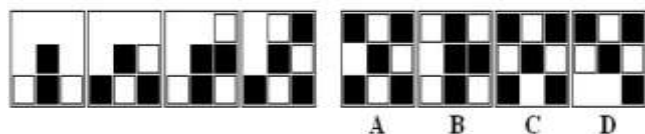
Explanation: Subsequent figures are rotated through 90 degrees clockwise and an increasing amount of the original colour is inverted. Option C completes the sequence.

23) Which figure completes the series?



Explanation: The line moves 135 degrees anticlockwise and the black diamond moves clockwise to the next corner. Option C completes the sequence.

24) Which figure completes the series?



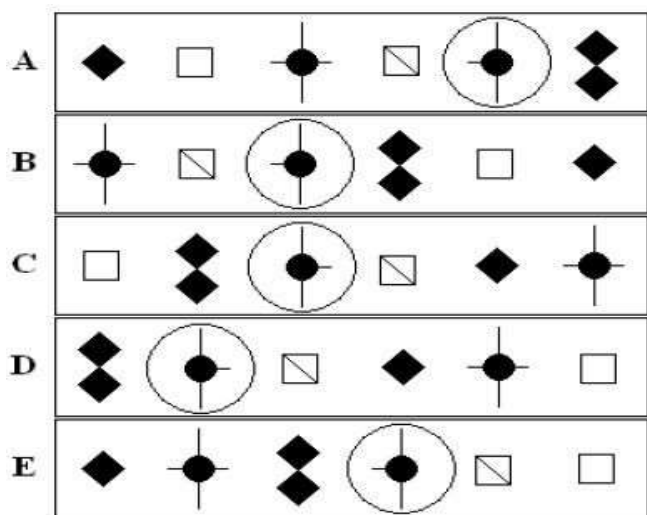
Explanation: Black squares and white squares are added alternately. Option B completes the Sequence.

25) Which figure completes the series?



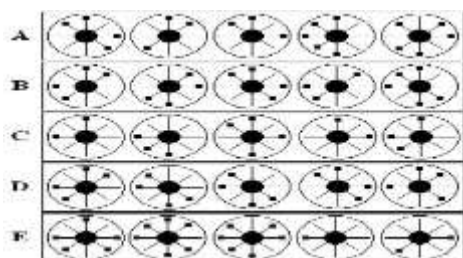
Explanation: Subsequent figures are rotated through 90 degrees anticlockwise and a black triangle is added clockwise to the existing black shape. Option D completes the Sequence.

26) Which figure is the odd one out?



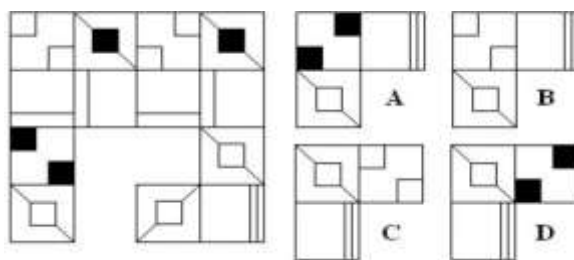
Explanation: Figure E is the odd one out. In all of the other figures the horizontal line in the black-circle-within-white-circle is on the same side as the diagonal-line-within square.

27) Which figure is the odd one out?



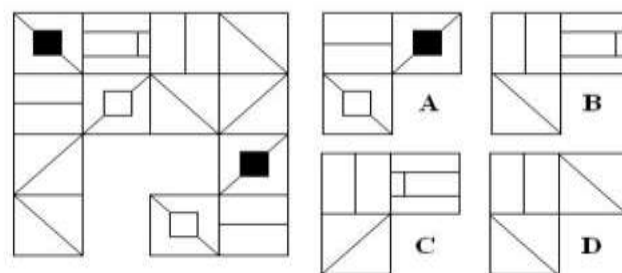
Explanation: Figure C is the odd one out. The black squares in each of the other figures add up to 20. The black squares in figure C add up to 14.

28) Which figure completes the grid?



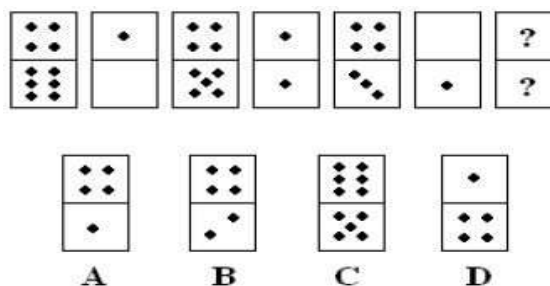
Explanation: Columns two and four are identical. Column three is a mirror image of column one. Option D completes the grid.

29) Which figure completes the grid?



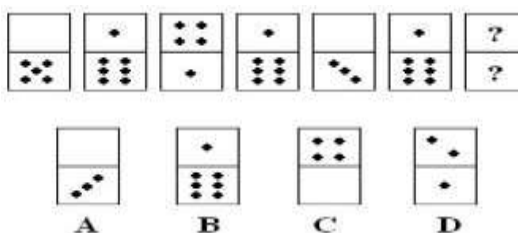
Explanation: The four squares which make up opposite corner blocks are mirror images. Option C completes the grid.

30) Which figure is next in the series?



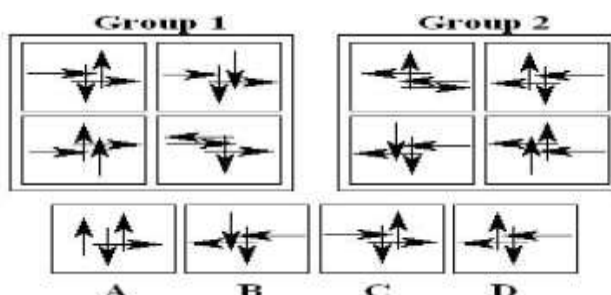
Explanation: Every other domino follows a descending pattern 4&6, 4&5, 4&3, 4&2. Option B continues this series.

31) Which figure is next in the series?



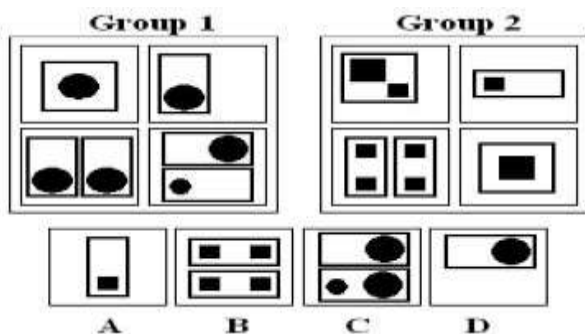
Explanation: Every alternate domino is a 1 & 6, these can be ignored. The remainder follow a descending pattern of 5, 4, 3, 2 and a repeating pattern of Blank, 1, Blank, 1. Every other one of these is inverted. Option D continues this series

32) Which figure belongs in neither group?



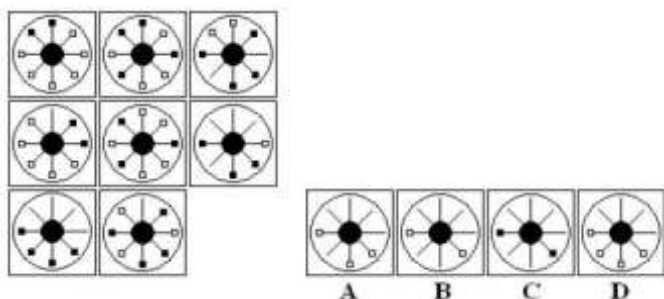
Explanation: The figures in Group 1 all contain two arrows pointing to the right. The figures in Group 2 all contain two arrows pointing to the left. Option A belongs in neither group.

33) Which figure belongs in neither group?



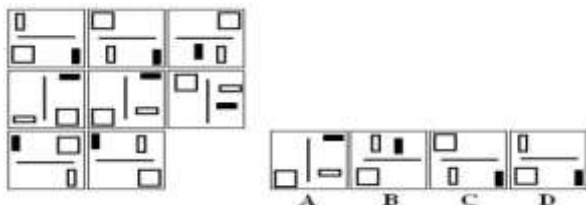
Explanation: The figures in Group 1 contain circles which are always bounded by their own rectangle. The figures in Group 2 contain one or two black squares bounded by a rectangle. Option C belongs in neither group.

34) Which figure completes the series?



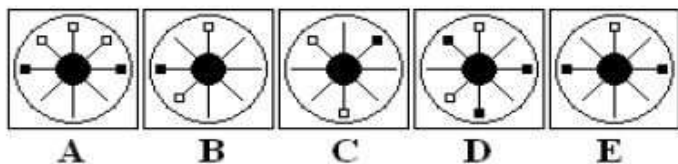
Explanation: Option A is correct. The squares in the third row are the sum of the squares in rows one and two, subject to these following rules. If the colour of the squares is the same then switch colours. If the colour of the squares is different then delete the squares.

35) Which figure completes the series?



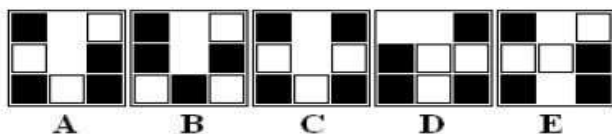
Explanation: Option B is correct. Each row is a 90 degree rotation of the row above.

36) Which figure is the odd one out?



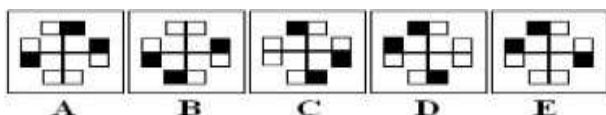
Explanation: Option D is the odd one out as the white square is opposite a black square.

37) Which figure is the odd one out?



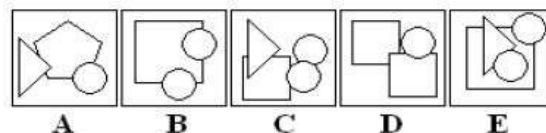
Explanation: Option C is the odd one out as it contains no adjacent black squares.

38) Which figure is the odd one out?



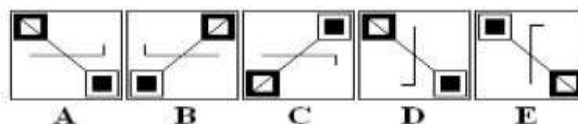
Explanation: Option E is the odd one out as it is a reflection, not a rotation, of the others.

39) Which figure is the odd one out?



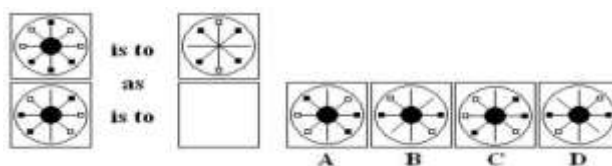
Explanation: Option B is the odd one out. The sum of the sides of the shapes does not equal nine.

40) Which figure is the odd one out?



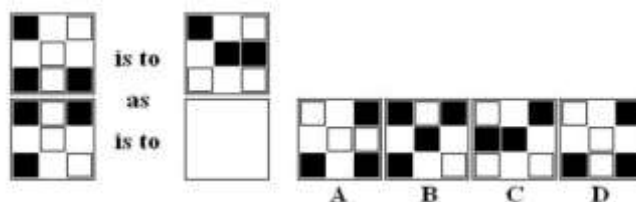
Explanation: Option A is the odd shape out as it is a reflection, not a rotation, of the others.

41) Which figure completes the statement?



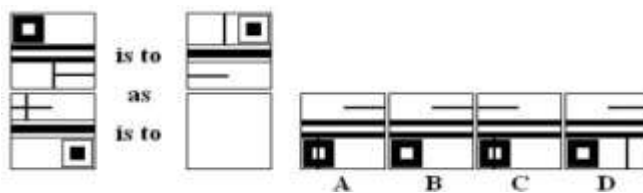
Explanation: This transformation follows three rules depending on the colour of the squares on each end of the three lines. If both squares are white, they are removed. If both squares are black, they become white. If there is a black and a white square, then both squares become black. Option D is correct.

42) Which figure completes the statement?



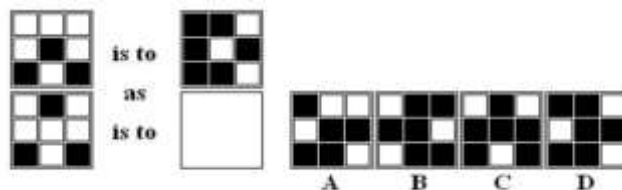
Explanation: The figure is rotated through 90 degrees anticlockwise and then the colours are inverted. Option C is correct.

43) Which figure completes the statement?



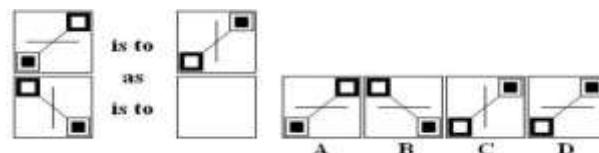
Explanation: The figure should be considered as four separate elements. The square-withinsquare is reflected in the vertical plane and the colours are inverted. The colours of the three thick lines are inverted. The horizontal line is reflected in the vertical plane and the vertical line is reflected in the horizontal plane. Option A is the correct answer.

44) Which figure completes the statement?



Explanation The figure is rotated through 90 degrees anticlockwise and then the colours are inverted. Option D is correct.

45) Which figure completes the statement?



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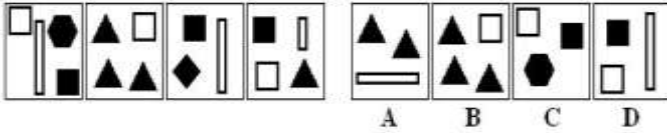
Explanation The figure is rotated through 90 degrees clockwise and then reflected in the vertical plane. Option B is correct

46) Which figure completes the series?



Explanation Each figure is rotated through 90 degrees and one of the outermost shapes removed each time. Option B completes the series.

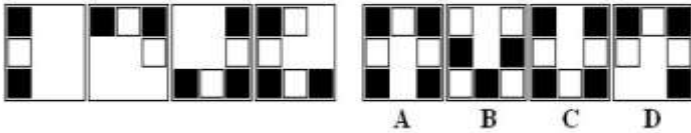
47) Which figure completes the series?



Explanation:

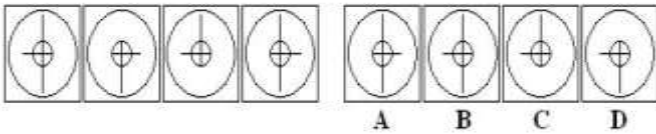
The number of sides belonging to the black shapes decreases each time. Option A completes the series.

48) Which figure completes the series?



Explanation An extra square of alternating colour is added each time and the figure is rotated 90 degrees clockwise. Option A completes the series

49) Which figure completes the series?



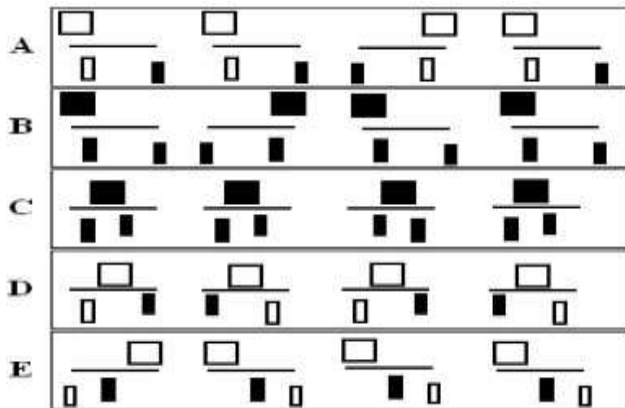
Explanation: The horizontal line alternates between the left and right position. The vertical line alternates between 3 states top & bottom, bottom then top. Option D completes the series.

50) Which figure completes the series?



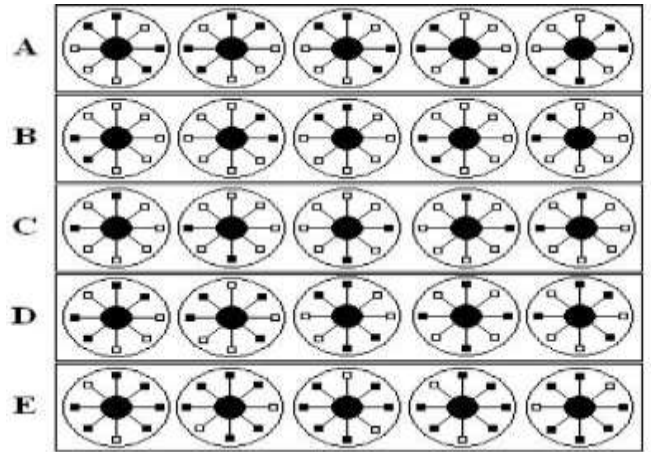
Explanation: Subsequent figures are rotated through 90 degrees anticlockwise and an increasing amount of the original colour is inverted. Option C completes the sequence

51) Which figure is the odd one out?



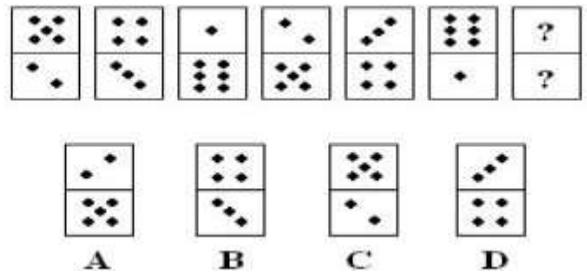
Explanation: Figure D is the odd one out. The other figures contain three repetitions of the group plus one reflection. Figure D contains two repetitions plus two reflections

52) Which figure is the odd one out?



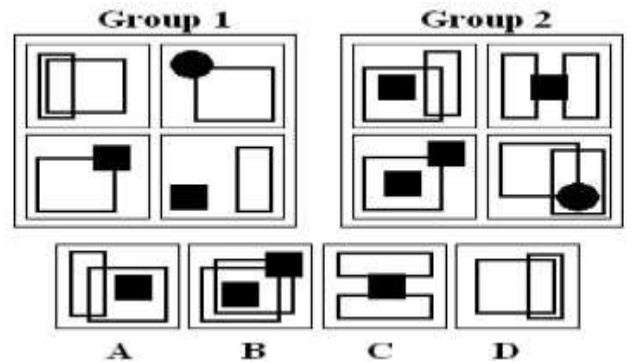
Explanation: Figure D is the odd one out. The other figures all contain five rotations of the same shape.

53) Which figure is next in the series?



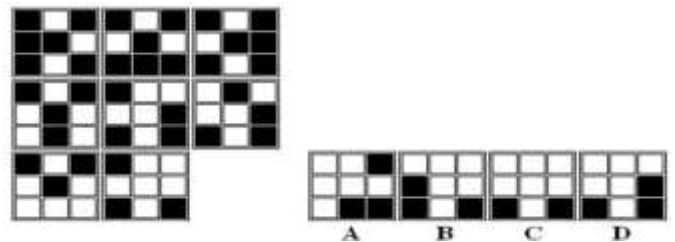
Explanation: The top halves of the dominoes repeat the sequence 5, 3, 1. The bottom halves repeat the sequence 2, 4, 6. Alternate dominoes are then inverted. Option C completes this sequence

54) Which figure belongs in neither group?



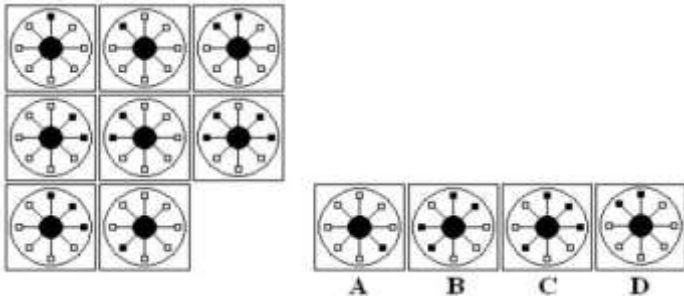
Explanation: The figures in Group 1 contain two shapes. The figures in Group 2 contain three shapes. Option B belongs in neither group.

55) Which figure completes the series?



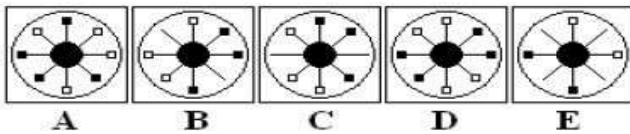
Explanation :Option D completes the series. If a square is black in both row one and in row two then a black square appears in row three.,

56) Which figure completes the series?



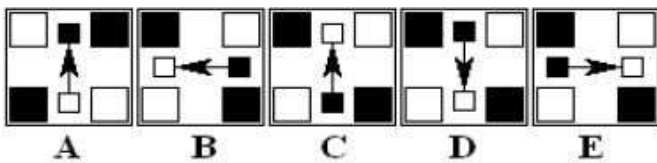
Explanation Option C completes the series. The black squares in columns one and two are combined in column three.

57) Which figure is the odd one out?



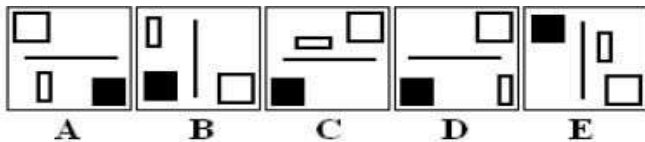
Explanation : Option D is the odd one out. In the other figures the black and white boxes are always opposite each other.

58) Which figure is the odd one out?



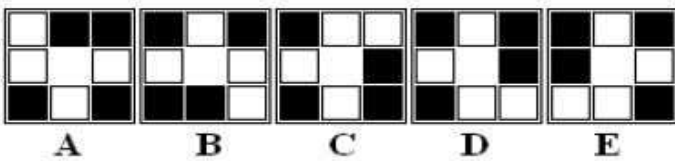
Explanation: Option A is the odd one out. In the other figures the arrow points from a black to a white square.

59) Which figure is the odd one out?



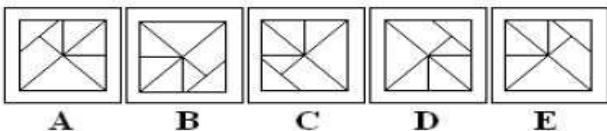
Explanation: Option B is the odd one out. It is the only figure where the black and white square are not in opposite corners.

60) Which figure is the odd one out?



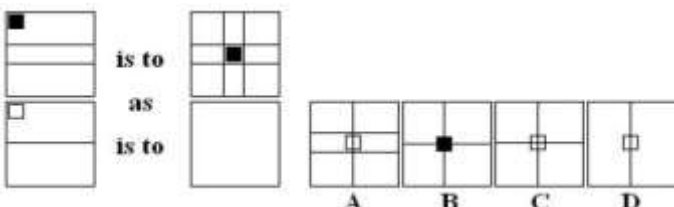
Explanation: Option D is the odd shape out as it is not a rotation, of the others.

61) Which figure is the odd one out?



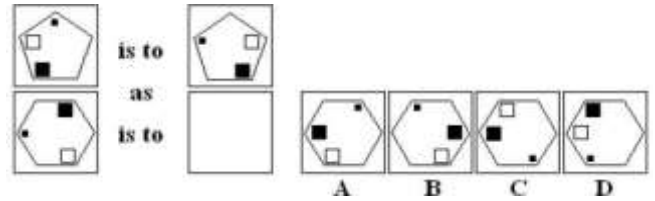
Explanation: Option E is the odd shape out as it is a reflection, not a rotation, of the others.

62) Which figure completes the statement?



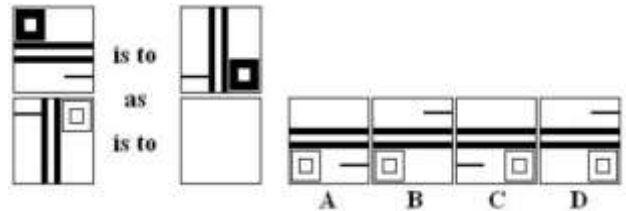
Explanation The square moves to the centre and the lines are duplicated and rotated through 90 degrees. Option C is correct

63) Which figure completes the statement?



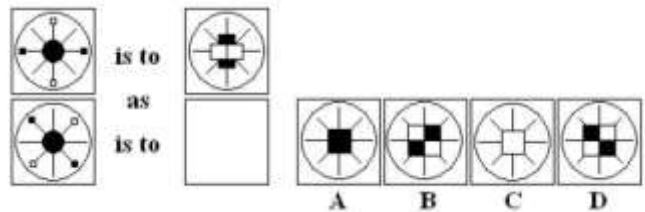
Explanation: The black squares move one place anticlockwise. Option D is correct

64) Which figure completes the statement?



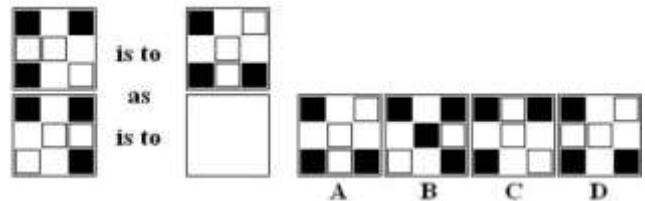
Explanation: The thick vertical lines are rotated through 90 degrees, the square-within-square is moved to the opposite corner and the line is reflected in the vertical plane. Option B is correct.

65)



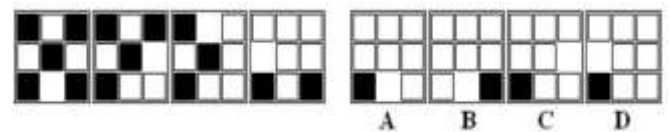
Explanation: The figure is rotated through 90 degrees and the black and white squares are enlarged and brought into the centre. Option B is correct

66) Which figure completes the statement?



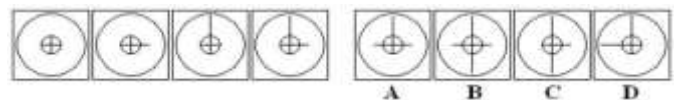
Explanation : The figure is rotated through 90 degrees clockwise. Option C is correct

67) Which figure completes the series?



Explanation: The figure is rotated by 90 degrees anticlockwise and a black square is transformed to white with each iteration. Option B is the next figure in the series. Note that option A will not work because the black square is in the wrong position

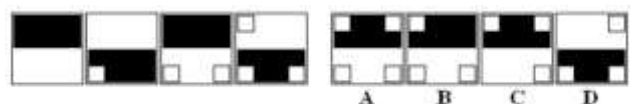
68) Which figure completes the series?



Explanation

The horizontal line which forms part of the centre cross alternates between short and long. Option D is the only figure where it is short.

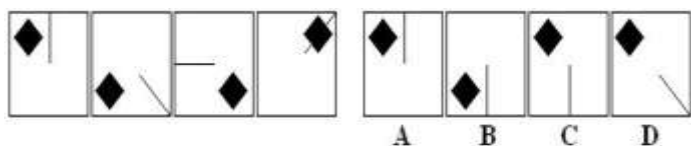
69) Which figure completes the series?



Explanation

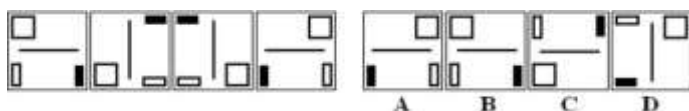
The black rectangle alternates between the top and bottom position and a white square is added with each iteration. Option A is the next figure in the series.

70) Which figure completes the series?



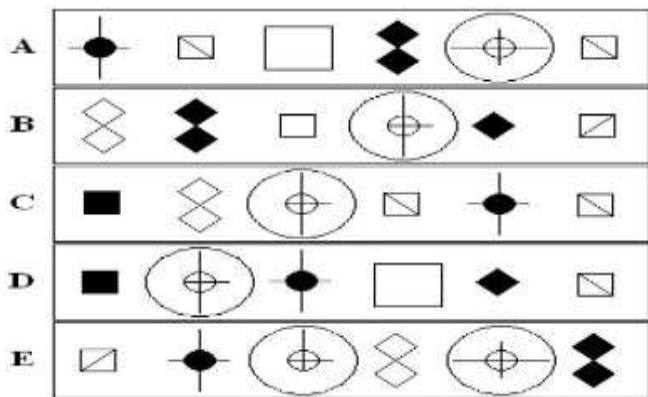
Explanation: The line moves clockwise 135 degrees with each iteration, whilst the diamond moves anticlockwise from corner to corner. Option C is the next figure in the series.

71) Which figure completes the series?



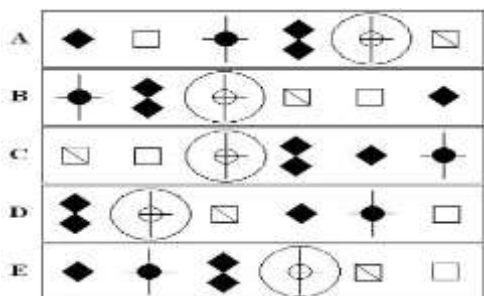
Explanation: The first figure is rotated through 90 degrees anticlockwise to produce the second figure. The second figure is then reflected in the vertical plane to produce the third figure. This sequence is repeated. Option B is correct as it is a reflection of the fourth figure in the vertical plane.

72) Which figure is the odd one out?



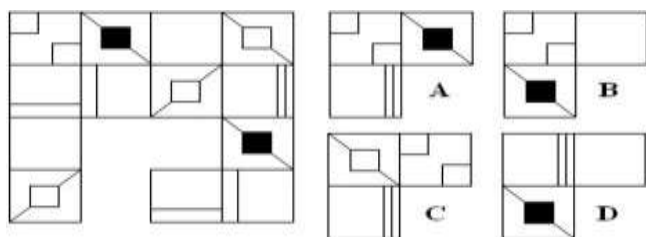
Explanation: Option D is the only figure which does not contain only two black shapes.

73) Which figure is the odd one out?



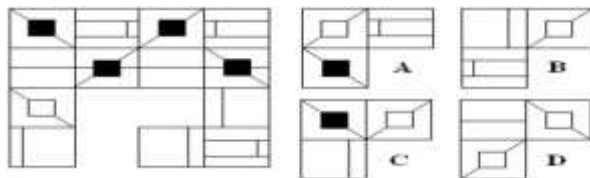
Explanation: Option C is the only figure which does not contain the sequence of the doublediamond, concentric circles and line and the square plus diagonal line

74) Which figure completes the grid?



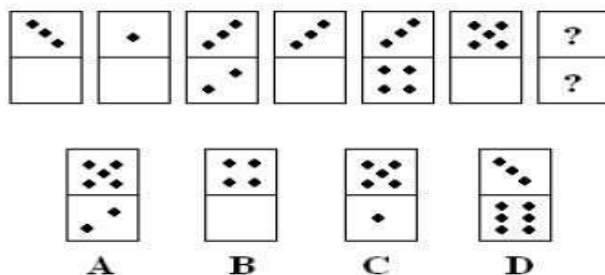
Explanation: The four squares which make the top left corner block are identical to the four squares which make the bottom right corner block. The four squares which make the top right corner block are identical to the four squares which make the bottom left corner block. Option C completes the grid.

75) Which figure completes the grid?



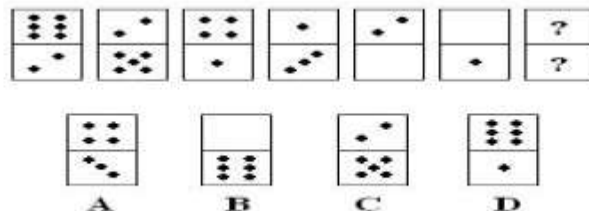
Explanation: The first and third columns are mirror images of each other, as are the second and fourth columns. Option B completes the grid.

76) Which figure is next in the series?



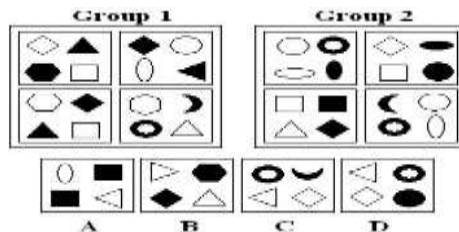
Explanation: The top halves of the dominoes follow the sequence 3, Blank, 3, blank, etc. The bottom halves follow the ascending sequence Blank, 1, 2, 3, etc. Alternate dominoes are then inverted. Option D completes this sequence.

77) Which figure is next in the series?



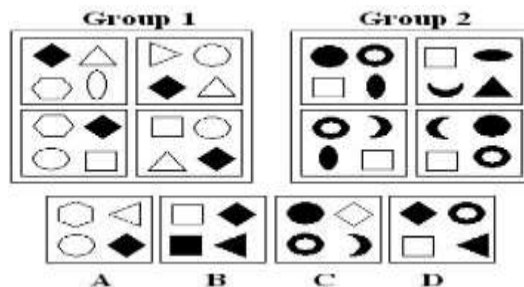
Explanation: The top halves of the dominoes are in descending sequence 6, 5, 4, 3, 2, 1, Blank. The bottom halves follow the ascending sequence 2, 2, 1, 1, Blank, Blank, Six. Alternate dominoes are then inverted. Option B completes this sequence.

78) Which figure belongs in neither group?



Explanation: Shapes are either curved or angular. The figures in Group1 black shapes at opposite corners. The figures in Group2 contain black shapes arranged vertically. Option C belongs in neither group.

79) Which figure belongs in neither group?



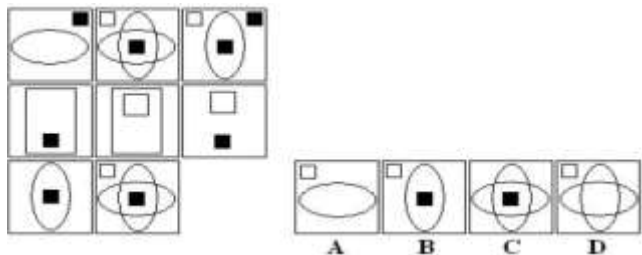
Explanation: The figures in Group1 contain a black diamond plus 3 white shapes. The figures in Group 2 contain a white square plus 3 black shapes. Option C belongs in neither group.

80) Which figure completes the series?

112) wheel, turn, swing

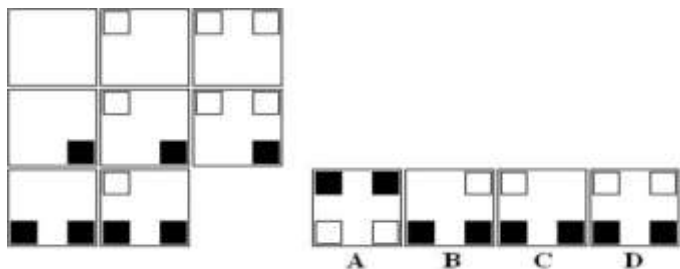
A. component
B. gear
C. veer
D. cog
View answer Discuss in forum
Answer : C

Explanation : These are all verbs describing changes of direction.



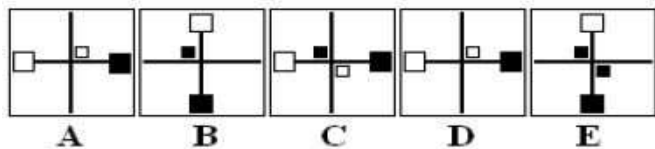
Explanation: Option A completes the series. Each figure in column three is a product of the figures in the preceding two columns, with the added rule that if the same shape appears in both columns then it does not appear in the third column.

81) Which figure completes the series?



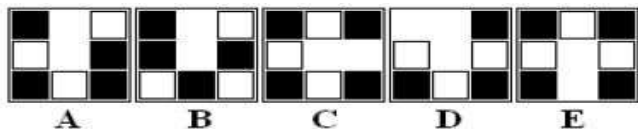
Explanation: Option D completes the series. An extra white square is added for each column and an extra black square is added for each row.

82) Which figure is the odd one out?



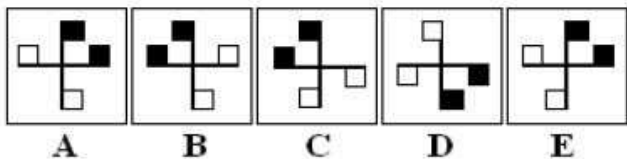
Explanation: Option E is the odd one out. It is the only figure where there is a small black square adjacent to the large black square.

83) Which figure is the odd one out?



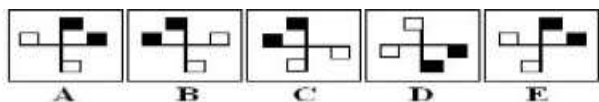
Explanation: Option D is the odd one out. In the other figures there is one more black square than there are white squares.

84) Which figure is the odd one out?



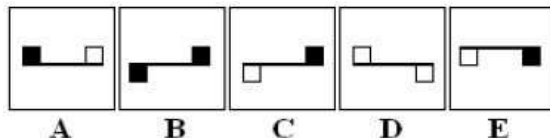
Explanation: Option A is the odd one out. The others are all either reflections or rotations of the same figure.

85) Which figure is the odd one out?



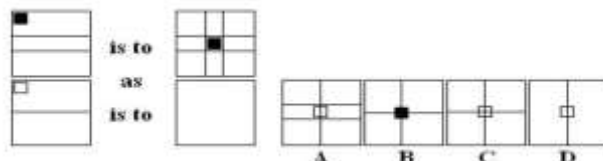
Explanation: Adding the number of sides of the shapes in each figure gives eight, except for option D where it adds up to 5.

86) Which figure is the odd one out?



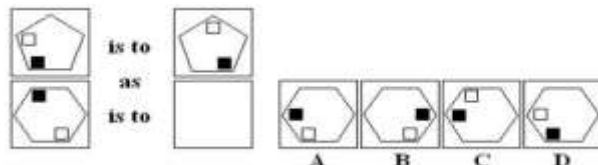
Explanation: Option C is the only figure in which opposite collared squares are on opposite sides of the line.

87) Which figure completes the statement?



Explanation: The square in the top left corner moves to the centre. Any horizontal lines are duplicated and rotated through 90 degrees. Option C is correct

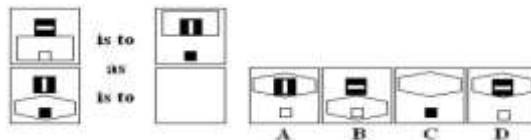
88) Which figure completes the statement?



Explanation: The white square moves one place anticlockwise. The black square moves one place clockwise.

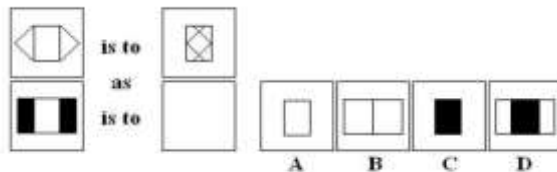
Option A is correct

89) Which figure completes the statement?



Explanation: The compound shape at the top rotates through 90 degrees. The large shape at the bottom moves to the top. The colour of the small shape at the bottom is inverted. Option D is correct.

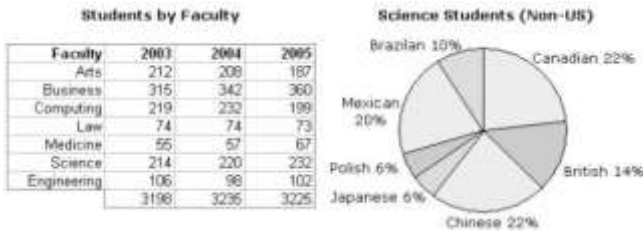
90) Which figure completes the statement?



Explanation: There are three shapes in the figure. The two outer shapes are moved into the centre to cover the shape already there. Option C is correct.

FCMB Aptitude Test for Graduates - Numerical Reasoning

Numeric ability questions appear in most general aptitude tests because employers usually want some indication of your ability to use numbers even if this is not a major part of the job. The test may include basic arithmetic, number sequences and operations like addition and subtraction to more complex questions where you need to interpret numerical information presented as tables, diagrams, and graphs.



The table above shows the number of students admitted to North West University over a three year period. The pie chart shows the relative percentages of foreign students admitted to the faculty of science in 2004. All percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

1) If 65% of the students joining the faculty of science were male, how many female students were admitted over the three year period?

- A. 340
- B. 233
- C. 244
- D. 433
- E. 343

Answer: B

Explanation: The total number of students admitted to the faculty of science over the 3 year period was 214+220+232 = 666 of whom 35% were female.
Therefore (666/100) * 35 = 233 female students were admitted to the faculty of science over the 3 year period.

2) How many students joined the Engineering and Science faculties in 2003 and 2004?

- A. 644
- B. 532
- C. 638
- D. 660
- E. 624

Answer: C

Explanation: 106+98+214+220 = 638 students joined the Engineering and Science faculties in 2003/2004.

3) The relative percentage of British students joining the faculty of science doubled in 2005 but the percentage of foreign students remained at 25%. How many British students joined the faculty in 2005?

- A. 18
- B. 12
- C. 14
- D. 15
- E. 16

Answer: E

Explanation: If the relative percentage of British students doubled in 2005 then 28% of the students joining the faculty would be British. The percentage of foreign students remained at 25%, so (232/100) * 25 = 58 foreign students joined the faculty.
Therefore, (58/100) * 28 = 16 British students joined the faculty in 2005.

4) What percentage of students joined the law faculty over the three year period?

- A. 1.7%
- B. 1.8%
- C. 3.8%
- D. 2.3%
- E. 6.8%

Answer :D

explanation: The total number of students joining the law faculty was 74+74+73 = 221.
The total number of students joining the university was 3198+3235+3225 = 9658.
The percentage of students joining the law faculty was (221/9658) * 100 = 2.3%

5) If 25% of the students joining the faculty of science in 2004 were foreign, how many Mexican students joined the faculty that year?

- A. 10
- B. 11
- C. 12
- D. 13
- E. 14

Answer: B

Explanation : The number of foreign students joining the faculty of science in 2004 was 25% of 220 = 55. Of these 55 students 20% were Mexican, therefore 11 Mexican students joined the faculty that year

Motorcycle Sales (Model TT950)							
Country	Jan	Feb	Mar	Apr	May	Jun	Total
Germany	34	47	45	54	56	60	296
UK	40	44	36	47	47	46	260
France	37	32	32	32	34	33	200
Belgium	14	14	14	16	17	14	89
Spain	29	29	28	31	29	31	177
Italy	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

6) What percentage of total imports is accounted for by the three biggest importers?

- A. 61.6%
- B. 62.3%
- C. 63.2%
- D. 64.8%
- E. 66.9%

Answer: D

Explanation: Germany is the biggest importer with 296 units out of a total of 1166. Followed by the UK which imports 260 units and France which imports 200. Together this makes 756 units. This equates to a percentage of (756/1166) * 100 = 64.8%

7) What is the average number of units per month imported into the UK over the first four months of the year?

- A. 41.75
- B. 43.35
- C. 44.75
- D. 40.65
- E. 43.25

Answer: A

Explanation: The number of units imported into the UK over the first 4 months of the year was: 40, 44, 36, and 47. Adding these gives 167 and dividing by 4 gives an average of 41.75.

8) What percentage of the monthly total was sold to the biggest importer in May?

- A. 17%
- B. 22%
- C. 16%
- D. 27%
- E. 24%

Answer: D

Explanation: Scanning down the May column, you can see the Germany was the biggest importer in February with 56 units. The monthly total for May was 208 units. The percentage is calculated as (56/208) * 100 = 27%

9) Which month showed the biggest increase in total sales from the previous month?

- A. Feb
- B. Mar
- C. Apr
- D. May
- E. Jun

Answer: C

Explanation: To answer this question as quickly as possible you should scan the figures in the monthly totals row. The question asks which month showed the biggest increase – so you can ignore any months where there was a decrease or where the increase is obviously insignificant. This leaves Jan-Feb and Mar-Apr. You need to make 2 calculations subtracting the January figure from the February figure and the March figure from the April figure. This gives 14 and 27 respectively, which means that April showed the biggest increase. Note how scanning the figures first cuts down on the number of calculations you need to make. This not only saves time but decreases the chances of making a simple mistake with the calculations

10) What percentage of the overall total was sold in February?

- A. 18%
- B. 12%
- C. 16%
- D. 17%
- E. 14%

Answer: C

Explanation:A total of 190 units were sold in February out of a total of 1166 units. The percentage is calculated as: (190/1166) * 100 = 16%.

Motorcycle Sales (Model TT950)							
Country	Jan	Feb	Mar	Apr	May	Jun	Total
Germany	34	47	45	54	56	60	296
UK	40	44	36	47	47	46	260
France	37	32	32	32	34	33	200
Belgium	14	14	14	16	17	14	89
Spain	29	29	28	31	29	31	177
Italy	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

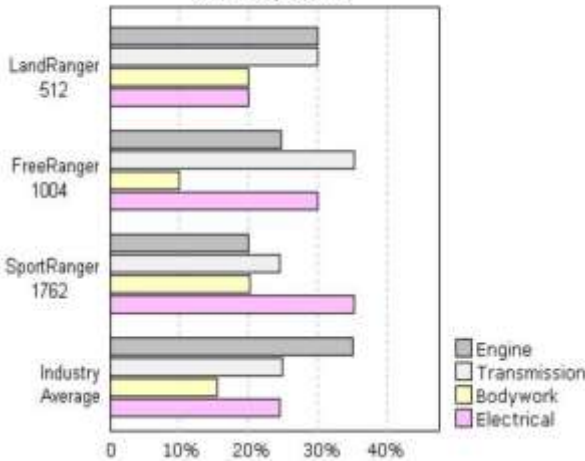
11) What percentage of the overall total was sold to the Spanish importer?

- A. 18%
- B. 12%
- C. 15%
- D. 17%
- E. 14%

Answer: C

Explanation: A total of 177 units were sold to the Spanish importer out of a total of 1166 units. The percentage is calculated as: (177/1166) * 100 = 15%.

Warranty Claims



The table above shows the total number of warranty claims for three types of sports utility vehicle. The reason for each claim is shown as a percentage along with the industry average for this type of vehicle. Use this information to answer the following questions.

12) If 28,000 LandRangers were sold, what percentage of the total were the subject of a warranty claim due to engine failure?

- A. 0.25%
- B. 0.54%
- C. 0.74%
- D. 0.84%
- E. 1.85%

Answer: B

Explanation: Thirty percent of the 512 LandRanger claims involved engine failure. This equates to $(512/100) * 30 = 153$ claims. If 28,000 LandRangers were sold then the percentage which suffered engine failure was $(153/28000) * 100 = 0.54\%$.

13) If warranty claims for the FreeRanger matched the industry average, how many bodywork claims would have been made?

- A. 157
- B. 150
- C. 155
- D. 160
- E. 165

Answer: B

Explanation: The industry average for bodywork claims is 15%. If this percentage of the 1004 FreeRanger claims were made then that would equate to $(1004/100) * 15 = 150$ claims.

14) How many more warranty claims were made for the SportRanger than the FreeRanger due to electrical problems?

- A. 315
- B. 350
- C. 305
- D. 330
- E. 210

Answer: A

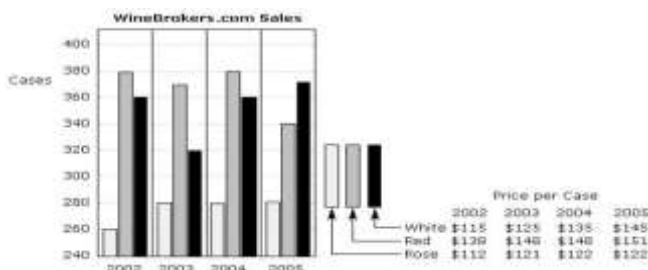
Explanation: The number of warranty claims made in each instance was as follows:
SportRanger 1762 claims 35% electrical = $(1762/100) * 35 = 616$
FreeRanger 1004 claims 30% electrical = $(1004/100) * 30 = 301$
There were 315 more claims made for the Sportranger.

15) How many LandRanger warranty claims involved transmission problems?

- A. 135
- B. 140
- C. 153
- D. 145
- E. 122

Answer: C

Explanation: Thirty percent of the 512 LandRanger claims involved transmission problems. This equates to $(512/100) * 30 = 153$ claims.



The table above shows the annual sales of WineBrokers.com, a small online wine merchant. Use this information to answer the following questions.

16) What percentage of total cases of wine sold over the four year period were rose?

- A. 26.3%
- B. 23.6%
- C. 26.6%
- D. 29.6%
- E. 27.6%

Answer: E

Explanation: The volume sales of wine over the 4 years were as follows:

Rose 1100 cases
Red 1470 cases
White 1410 cases

This gives a total of 3980 cases, of which 1100 were rose. This equates to $(1100/3980) * 100 = 27.6\%$

17) If white wine increased in price by 10% from 2005 to 2006, what would be the approximate average cost per case over the five year period?

- A. \$133
- B. \$136
- C. \$143
- D. \$126
- E. \$138

Answer: B

Explanation: If white wine increase by 10% in 2006, it would cost $\$145 * 1.1 = \159.50 per case. The average cost over 5 years would be approximately $(115+125+135+145+159.50)/5 = \136 per case.

18) What is the difference in the value of red wine sales between 2002 and 2003?

- A. \$2,320
- B. \$3,220
- C. \$2,330
- D. \$2,360
- E. \$2,280

Answer: A

Explanation: In 2002, 380 cases of red wine were sold at \$138 per case = \$52,440.
In 2003, 370 cases of red wine were sold at \$148 per case = \$54,760.
Therefore the difference in value was \$2,320.

19) What is the approximate value of rose wine sold over the four year period in thousands of dollars?

- A. 134
- B. 129
- C. 131
- D. 125
- E. 127

Answer: C

Explanation: The approximate value of rose wine sold over the period is as follows:
2002 260 cases at \$112 per case = \$29,120
2003 280 cases at \$121 per case = \$33,880
2004 280 cases at \$122 per case = \$34,160
2005 280 cases at \$122 per case = \$34,160
This gives a total value of approximately \$131,000

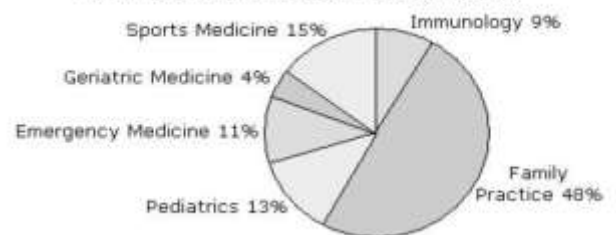
20) What was the average number of cases sold per year over the four year period?

- A. 1010
- B. 1005
- C. 985
- D. 995
- E. 990

Answer: D

Explanation: The number of cases of all types of wine sold over the 4 years was 3,980. This gives an average $(3980/4)$ of 995 cases per year.

North West Medical School Graduates 2005



21) If the ratio of male to female students specializing in sports medicine is 2:1, how many female students does this represent?

- A. 6
- B. 5
- C. 12
- D. 18
- E. 10

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Answer: A

Explanation: Fifteen percent of 119 students $(119/100) * 15 = 18$ specialized in sports medicine. If the ratio of male to female students is 2:1 then the actual numbers of students must be 10 male and 5 female.

22) If seven students changed their specialization from family practice to paediatrics, approximately what fraction of students would then be specializing in paediatrics?

- A. 1/7
B. 1/4
C. 1/7
D. 1/5
E. 1/15

Answer: D

Explanation: Thirteen percent of 119 students $(119/100) \times 13 = 15$ specialized in paediatrics. If 7 students joined them then there would be 22 students studying it. This equates to $22/119 = 0.18$ which is approximately 1/5.

23) What is the approximate ratio of students specializing in sports medicine, emergency medicine and family practice?

- A. 6:4:10
B. 1:4:5
C. 2:8:10
D. 3:2:10
E. 3:2:5

Answer: D

Explanation: The ratio of students specializing in each is (15:11:48) which approximates to 3:2:10.

24) One twelfth of the students who chose to specialize in family practice plan to work abroad. How many is this?

- A. 7
B. 8
C. 5
D. 9
E. 3

Answer: C

Explanation: Forty eight percent of 119 students $(119/100) \times 48 = 57$ specialized in family practice. One twelfth of these equates to $57/12 = 5$ who planned to work abroad.

25) How many students decided to specialize in immunology?

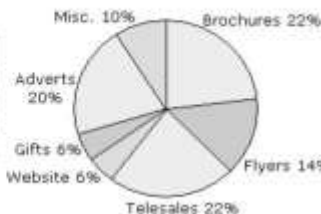
- A. 9
B. 11
C. 14
D. 7
E. 15

Answer: B

Explanation: Nine percent of 119 students decided to specialize in immunology. This equates to $(119/100) \times 9 = 11$ students

Marketing Promotion for Aardvark Cellular Inc.

Spend by Client \$		
Clients	Marketing	Personnel
Aardvark Cellular	21,340	22,749
Blue Arrow	11,222	10,437
Crescent Moon	6,543	5503
L-Tech	980	782
Connect Seven	1,342	1143



The table above shows the amount spent by Ace Marketing Consultancy to promote their clients. 'Marketing' spend does not include the time of any Ace employees, this is billed separately as 'Personnel'. Use this information to answer the following questions.

26) Approximately what percentage of Ace Marketing's total business is accounted for by their three smallest clients?

- A. 18%
B. 17%
C. 20%
D. 16%
E. 22%

Answer: C

Explanation: The total value of Ace's business is \$41,427 (marketing) plus \$40,614 (personnel) which gives \$82,041. Since we know that Aardvark account for 54% of the business, the quickest way to work out how much the three smallest clients account for is to calculate how much Blue Arrow accounts for (\$21,659 which is 26%), add this to the 54% to give 80%, which leaves 20% to be accounted for by the smallest three

27) Approximately what percentage of Ace Marketing's total business is for Aardvark Cellular?

- A. 49%
B. 57%
C. 50%
D. 54%
E. 56%

Answer: D

Explanation: The total value of Ace's business is \$41,427 (marketing) plus \$40,614 (personnel) which gives \$82,041. Aardvark Cellular account for $(21,340 + 22,749) = \$44,089$. This equates to $(44,089/82,041) \times 100 = 54\%$.

28) If flyers for Aardvark Cellular cost \$150 per thousand. Approximately, how many thousand have been produced?

- A. 23
B. 20
C. 17
D. 14
E. 18

Answer: B

Explanation: Fourteen percent of \$21,340 was spent on flyers for Aardvark Cellular. This equates to $(21340/100) \times 14 = \$2,987$. If flyers cost \$150 per thousand then approximately $(2987/150) = 20,000$ have been produced.

29) If Ace charges their clients cost price plus 20%, how much will they bill Aardvark Cellular for their website?

- A. \$1,536
B. \$1,174
C. \$1,744
D. \$1,280
E. \$1,474

Answer: A

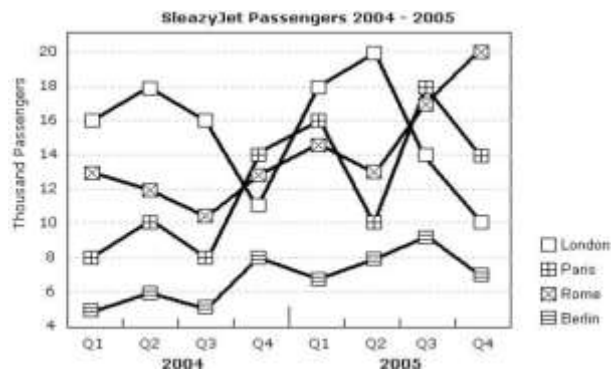
Explanation: Six percent of \$21,340 was spent on the website for Aardvark Cellular. This equates to $(21340/100) \times 6 = \$1,280$. If Ace add 20% then they will bill Aardvark for $\$1,280 \times 1.2 = \$1,536$.

30) Approximately how much was spent by on brochures for Aardvark Cellular?

- A. \$4,994
B. \$4,774
C. \$4,632
D. \$4,694
E. \$4,624

Answer: D

Explanation: Twenty two percent of \$21,340 was spent on brochures for Aardvark Cellular. This equates to $(21340/100) \times 22 = \$4,694$.



The table above shows the numbers of passengers flying from New York to four European capital cities by low cost airline SleazyJet. These numbers have been rounded to the nearest thousand. Use this information to answer the following questions.

31) Approximately, what fraction of passengers who travelled in Q4 2005 flew to Berlin?

- A. 1/8
B. 1/4
C. 1/7
D. 1/5
E. 1/15

Answer: C

Explanation: The number of passengers travelling in Q4 2005 was:

London 10,000
Paris 14,000
Rome 20,000
Berlin 7,000

This gives a total of 51,000 of whom 7,000 were travelling to Berlin. This equates to $(7,000/51,000) = 1/7$.

32) How many more passengers travelled to Rome in Q2 2005 than in the same quarter the previous year?

- A. 5,000
B. 4,000
C. 3,000
D. 2,000
E. 1,000

Answer: E

Explanation: The number of passengers travelling in to Rome Q2 2004 was 12,000. The number of passengers travelling in to Rome Q2 2005 was 13,000. Therefore 1,000 more passengers travelled in Q2 2005.

33) What was the ratio of passengers travelling to London and Paris in Q2 2004?

- A. 2.2:1
B. 1.8:1
C. 2:1
D. 0.75:1
E. 1:2

View answer Discuss in forum
Answer: B

Explanation: The number of passengers travelling in to London Q2 2004 was 18,000. The number of passengers travelling in to Paris Q2 2004 was 10,000. This equates to a ratio of 1.8:1

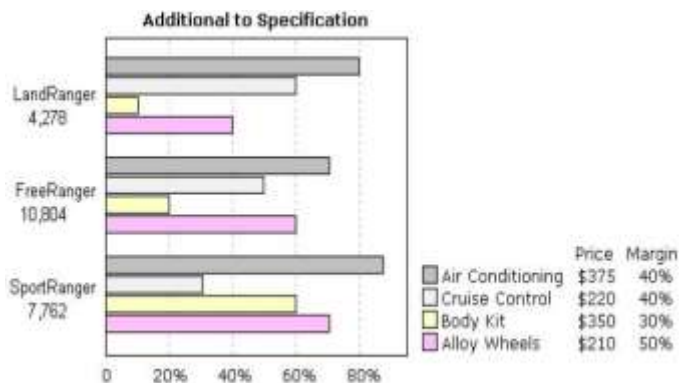
34) How many passengers travelled in Quarter 4 2004?

- A. 46,000
B. 44,000
C. 43,000
D. 45,000
E. 42,000

Answer: A

Explanation: The number of passengers travelling in Q4 2004 was:

London 11,000
Paris 14,000
Rome 13,000
Berlin 8,000
This gives a total of 46,000.



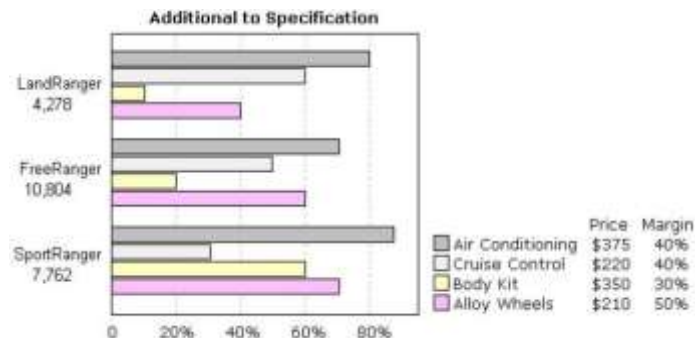
The table above shows the total sales figures for three models of SUV. It also shows the percentage of customers who specified additional equipment when buying from the dealer network. Use this information to answer the following questions.

35) How much extra profit would be generated if dealers doubled the number of Body Kits fitted when they sold a FreeRanger?

- A. \$2,268
B. \$4,534
C. \$1,130
D. \$1,238
E. \$226

Answer: A

Explanation: Twenty percent of the 10,804 FreeRangers sold (2,161) were fitted with body kits. The total revenue generated was $2,161 \times \$350 = \$756,000$. The profit margin on this is 30%, therefore $(756,000/100) \times 30 = \$2,268$. If dealers doubled the number sold then the additional profit would be \$2,268.



The table above shows the total sales figures for three models of SUV. It also shows the percentage of customers who specified additional equipment when buying from the dealer network. Use this information to answer the following questions.

36) How much profit (margin), in millions of dollars, can be attributed to Cruise Control fitted to the FreeRanger?

- A. 0.61
B. 0.48
C. 0.21
D. 4.80
E. 3.60

Answer: B

Explanation: Fifty percent of the 10,804 FreeRanger customers (5,402) specified cruise control. The total revenue generated was $5,402 \times \$220 = \1.19 million. The profit margin on this is 40%, therefore $(1.19/100) \times 40 = \$0.48$ million.

37) How much profit (margin), in millions of dollars, can be attributed to Body Kits fitted to the SportRanger?

- A. 0.49
B. 1.48
C. 4.80
D. 0.36
E. 0.21

Answer: A

Explanation: Sixty percent of the 7,762 SportRangers sold (4,657) were fitted with body kits. The total revenue generated was $4,657 \times \$350 = \1.63 million. The profit margin on this is 30%, therefore $(1.63/100) \times 30 = \$0.49$ million.

38) How much total revenue, in millions of dollars, did Alloy Wheels generate for FreeRanger sales?

- A. 1.41
B. 1.28
C. 1.30
D. 1.36
E. 11.20

Answer: D

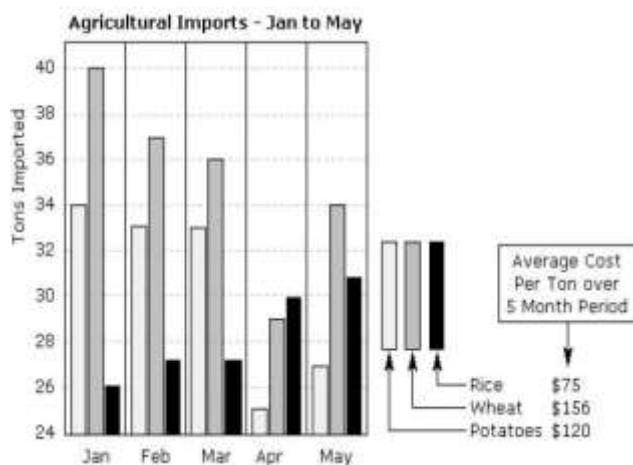
Explanation: Sixty percent of the 10,804 FreeRangers sold (6,482) were fitted with alloy wheels. Therefore the total revenue generated was $6,482 \times \$210 = \1.36 million.

39) How many customers specified cruise control when ordering a FreeRanger?

- A. 5,320
B. 2,566
C. 4,861
D. 2,861
E. 5,402

Answer: E

Explanation: Fifty percent of the 10,804 FreeRanger customers (5,402) specified cruise control.



The table above shows agricultural imports for the island of South Cerney for a period of five months. Use this information to answer the following questions.

40) Approximately what fraction of the total tonnage of imports is rice?

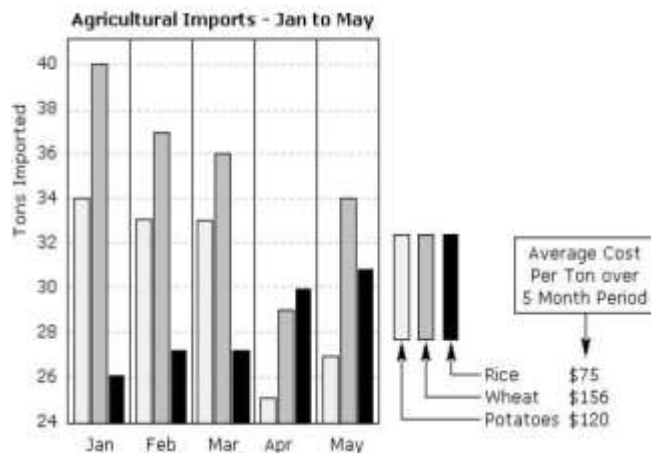
- A. 1/5
B. 1/4
C. 1/3
D. 2/5
E. 3/10

Answer: E

Explanation: Total tonnages imported over the 5 months are as follows:

Rice 141
Wheat 176
Potatoes 152

This means that the total tonnage of imports was 469 tons of which 141 tons were of rice. Therefore $(141/469 = 0.3)$ which is 3/10



The table above shows agricultural imports for the island of South Cerney for a period of five months. Use this information to answer the following questions

- 41) What was the average value of potatoes imported per month over the whole period?
- A. \$3,448
B. \$3,648
C. \$3,728
D. \$3,348
E. \$3,655

Answer: B

Explanation: Monthly tonnage of potatoes imported was as follows:
Jan 34
Feb 33
Mar 33
Apr 25
May 27
This gives a total of 152 tons at \$120 per ton.
The total value of potato imports was \$18,240.
Divide by 5 to give \$3,648 average value per month.

- 42) What was the average tonnage of rice imported per month over the whole period?
- A. 27.4
B. 22.9
C. 24.4
D. 28.2
E. 30.2

Answer: D

Explanation: The average tonnage of rice was $141/5 = 28.2$ tons per month

- 43) What was the total value of wheat imports, in dollars, over the 5 month period?
- A. 27,456
B. 27,742
C. 27,656
D. 26,446
E. 26,446

Answer: A

Explanation: Monthly tonnage of wheat imported was as follows:
Jan 40
Feb 37
Mar 36
Apr 29
May 34
This gives a total of 176 tons at \$156 per ton.
Therefore the total value of wheat imports was \$27,456

- 44) How many tons of rice were imported over the 5 month period?
- A. 144
B. 141
C. 138
D. 139
E. 137

Answer: B

Explanation: Monthly tonnage of rice imported was as follows:
Jan 26
Feb 27
Mar 27
Apr 30
May 31
This gives a total of 141 tons.

Client - Maltman			Client - Healey	
Agent	Inbound	Outbound	Inbound	Outbound
Mandi	275	542	112	188
Kai	180	419	11	324
Spencer	201	205	56	521
Charlotte	45	368	78	98
Rose	166	532	21	243
	867	2066	278	1374

The table above shows the number of calls completed by call centre agents in a month on behalf of two clients. Maltman are charged \$1.20 per inbound call and \$1.40 per outbound call. Healey are charged 20% more. Out bound calls take an average of 12 minutes. Inbound calls take an average of 8 minutes. Use this information to answer the following questions.

- 45) Approximately what fraction of the total time spent on the telephone by all of the agents was spent taking inbound calls for client Maltman?
- A. 1/16
B. 1/4
C. 1/8
D. 1/5
E. 1/20

Answer: C

Explanation: The total time spent by all of the agents was as follows:
Inbound Calls $867+278 = 1145 * 8$ minutes = 9160 minutes
Outbound Calls $2066+1374 = 3440 * 12$ minutes = 41280 minutes
The time spent on inbound calls for Maltman was $867 * 8 = 6936$ minutes.
This equates to $6936/(9160+41280) = 0.13$ which is approximately 1/8.

Client - Maltman			Client - Healey	
Agent	Inbound	Outbound	Inbound	Outbound
Mandi	275	542	112	188
Kai	180	419	11	324
Spencer	201	205	56	521
Charlotte	45	368	78	98
Rose	166	532	21	243
	867	2066	278	1374

The table above shows the number of calls completed by call centre agents in a month on behalf of two clients. Maltman are charged \$1.20 per inbound call and \$1.40 per outbound call. Healey are charged 20% more. Out bound calls take an average of 12 minutes. Inbound calls take an average of 8 minutes. Use this information to answer the following questions.

- 46) What is the approximate ratio of inbound calls taken by Kai to calls taken by Mandi?
- A. 1:3
B. 2:3
C. 3:2
D. 1:2
E. 2:1

Answer : D

Explanation : Kai takes $(180+11)$ 191 inbound calls. Mandi takes $(275+112)$ 387. Therefore the ratio is approximately 1:2

- 47) What percentage of the Maltman bill is due to inbound calls?
- A. 26%
B. 28%
C. 29%
D. 31%
E. 24%

Answer: A

Explanation: Client Maltman are billed as follows:
Inbound Calls $867 * \$1.20 = \1040
Outbound Calls $2066 * \$1.40 = \2892
Therefore $(1040/3932) * 100 = 26\%$ of their bill is attributable to inbound calls.

- 48) Approximately how many hours did Charlotte spend on the phone during the month?
- A. 77
B. 87
C. 84
D. 80
E. 110

Answer: E

Explanation: Charlotte spent the following time on the phone:
Inbound Calls $45+78 = 123 * 8$ minutes = 16.4 hours
Outbound Calls $368+98 = 466 * 12$ minutes = 93.2 hours
Therefore Charlotte spent approximately 110 hours on the phone.

- 49) Approximately how much will client Healey be billed for the month?
- A. \$2,798
B. \$2,700
C. \$2,698
D. \$2,708
E. \$2,308

Answer: D

Explanation: Client Healy will be charged as follows:
Inbound Calls $278 * \$1.44 = \400
Outbound Calls $1374 * \$1.68 = \2308
Adding these figures means that they will be charged a total of \$2708.

- 50) Approximately how much will client Maltman be billed for the month?
- A. \$3,948
B. \$3,946
C. \$3,932
D. \$3,892
E. \$3,776

Answer: C

Explanation: Client Maltman will be charged as follows:
Inbound Calls $867 * \$1.20 = \1040
Outbound Calls $2066 * \$1.40 = \2892
Adding these figures means that they will be charged a total of \$3932

Server	January		February		March	
	Units	Value	Units	Value	Units	Value
ZXC43	32	480	40	600	48	720
ZXC53	45	585	45	585	45	585
ZXC63	12	240	14	280	18	340

The table above shows the sales figures for 3 different types of switches over 3 months. Use this information to answer the following questions

51) If the unit price of the ZXC43 falls by 20% in April, but the number of units sold doubles, How much revenue will this generate?

- A. \$1,440
B. \$1,152
C. \$1,252
D. \$1,240
E. \$1,140

Answer: B

Explanation: The unit price of the ZXC43 would fall to $(\$15 \times 0.8 =) \12
Since 96 are sold the additional revenue would be \$1152

52) An order for 9 ZXC43 switches and 8 ZXC53 switches could not be processed in time to be added to the March figures. How much revenue would this have added?

- A. \$224
B. \$242
C. \$248
D. \$239
E. \$226

Answer: B

Explanation: The items on the unprocessed order would cost:
ZXC43 \$15 per unit $\times 9 = \$135$
ZXC53 \$13 per unit $\times 8 = \$104$
Therefore this order would have added \$

53) What percentage of the total revenue was generated in February?

- A. 28%
B. 29%
C. 33%
D. 30%
E. 27%

Answer: C

Explanation: Total revenues per month were:
Jan 1305
Feb 1465
Mar 1645

This gives a total sales value of \$4415 of which \$1465 was generated in February.
Therefore $(1465/4415) \times 100 = 33\%$ of the revenue was generated in February.

54) What is the approximate ratio of unit sales of the ZXC53 and ZXC63 over the three month period?

- A. 3:1
B. 1:3
C. 2:3
D. 3:2
E. 2:1

Answer: A

Explanation: The total sales over the three months were as follows:
ZXC53 135
ZXC63 44

This approximates to a ratio of 3:1

55) What was the total revenue generated by sales of the ZXC63?

- A. \$880
B. \$780
C. \$860
D. \$760
E. \$680

Answer: C

Explanation: What was the total revenue generated by sales of the ZXC63?

Server	January		February		March	
	Units	Value	Units	Value	Units	Value
ZXC43	32	480	40	600	48	720
ZXC53	45	585	45	585	45	585
ZXC63	12	240	14	280	18	340

the sales figures for 3 different types of switches over 3 months. Use this information to answer the following questions

56) How many ZXC43 units could be expected to sell in April?

- A. 45
B. 32
C. 40
D. 48
E. 56

Answer: E

Explanation: If the present trend continues then 56 $(48 + 8)$ units of the ZXC43 should be sold in April.

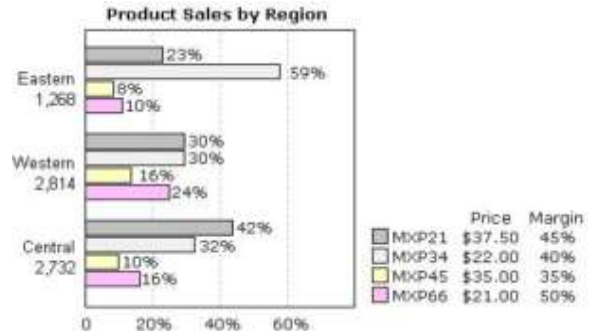
57) What is the unit cost of switch type ZXC53?

- A. \$11
B. \$13
C. \$12
D. \$15
E. \$17

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Answer: B

Explanation: The unit cost of switch ZXC53 is $585/45 = \$13$



The table above shows the number of products sold by region and the price and margin on each product. Percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

58) What was the total profit made on the MXP66 unit across all 3 regions?

- A. 13,109
B. 13,209
C. 13,009
D. 13,029
E. 13,019

Answer: C

Explanation: The sales of the MXP66 was as follows:

Eastern 10% of 1268 = 127 units

Western 24% of 2814 = 675 units

Central 16% of 2732 = 437 units

This gives a total sales value of 1239 units at \$21.00 per unit = \$26,019

The profit margin was 50%; therefore the total profit was \$13,009

59) What was the total value of sales of the MXP21 unit across all 3 regions?

- A. 85,512
B. 85,126
C. 86,216
D. 81,602
E. 85,612

Answer : E

Explanation: The sales of the MXP21 was as follows:

Eastern 23% of 1268 = 292 units

Western 30% of 2814 = 844 units

Central 42% of 2732 = 1147 units

This gives a total sales value of 2283 units at \$37.50 per unit = \$85,612

60) How many more MXP45 units were sold in the Western Region compared to the Central region?

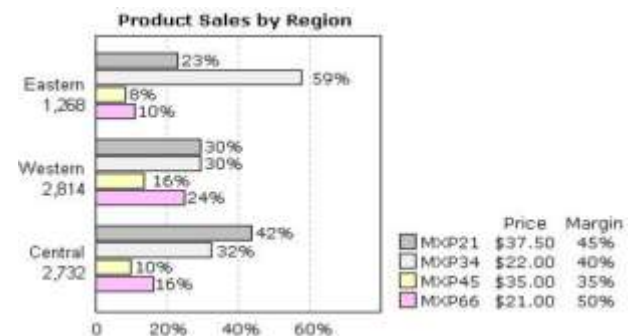
- A. 155
B. 177
C. 287
D. 180
E. 185.

Answer: B

Explanation: $(2814/100) \times 16 = 450$ MXP45 units were sold in the western region.

$(2732/100) \times 10 = 273$ MXP45 units were sold in the central region.

Therefore $(450 - 273 =) 177$ more MXP45 units were sold in the western region.



The table above shows the number of products sold by region and the price and margin on each product. Percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

61) What was the value of sales for the MXP34 in the Western region?

- A. 18,172
- B. 18,272
- C. 18,372
- D. 18,568
- E. 18,472

Answer: D

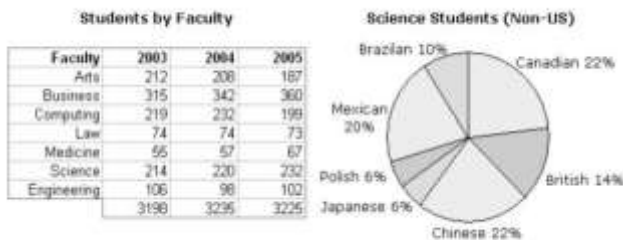
Explanation: $(2814/100) \times 30 = 844$ MXP34 units were sold in the western region. Therefore the value of sales was $844 \times \$22 = \$18,568$

62) How many MXP21 units were sold in the Central region?

- A. 1147
- B. 844
- C. 1087
- D. 1177
- E. 114

Answer: A

Explanation: $(2732/100) \times 42 = 1147$ MXP21 units were sold in the central region.



The table above shows the number of students admitted to North West University over a three year period. The pie chart shows the relative percentages of foreign students admitted to the faculty of science in 2004. All percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

63) If 55% of the students joining the faculty of science were male, how many female students were admitted over the three year period?

- A. 303
- B. 290
- C. 298
- D. 300
- E. 294

Answer: D

Explanation: The total number of students admitted to the faculty of science over the 3 year period was $214+220+232 = 666$ of whom 45% were female. Therefore $(666/100) \times 45 = 299.7$ female students were admitted to the faculty of science over the 3 year period

64) How many students joined the Business and Computing faculties in 2003 and 2004?

- A. 1,001
- B. 1,113
- C. 1,133
- D. 1,108
- E. 1,100

Answer: D

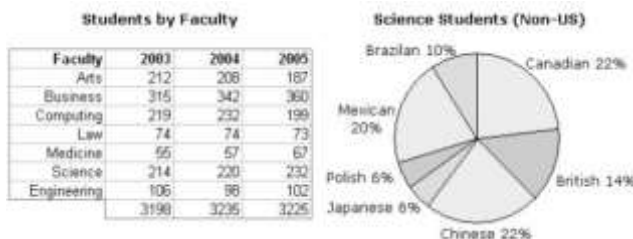
Explanation: $315+342+219+232 = 1108$ students joined the business and computing faculties in 2003/2004.

65) The relative percentage of Chinese students joining the faculty of science doubled in 2005 but the percentage of foreign students remained at 45%. How many Chinese students joined the faculty in 2005?

- A. 46
- B. 36
- C. 63
- D. 40
- E. 48

Answer: A

Explanation: If the relative percentage of Chinese students doubled in 2005 then 44% of the students joining the faculty would be Chinese. The percentage of foreign students remained at 45%, so $(232/100) \times 45 = 104.4$ foreign students joined the faculty. Therefore, $(104.4/100) \times 44 = 46$ Chinese students joined the faculty in 2005.



The table above shows the number of students admitted to North West University over a three year period. The pie chart shows the relative percentages of foreign students admitted to the faculty of science in 2004. All percentages have been rounded to the nearest whole number. Use this information to answer the following questions.

66) What percentage of students joined the arts faculty over the three year period?

- A. 13.2%
- B. 11.7%
- C. 12.6%
- D. 6.3%
- E. 4.3%

Answer: D

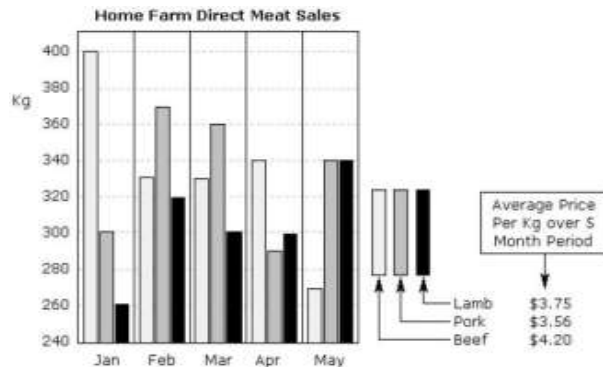
Explanation: The total number of students joining the arts faculty was $212+208+187 = 607$. The total number of students joining the university was $3198+3235+3225 = 9658$. The percentage of students joining the arts faculty was $(607/9658) \times 100 = 6.3\%$

67) If 23% of the students joining the faculty of science in 2004 were foreign, how many Canadian students joined the faculty that year?

- A. 22
- B. 14
- C. 11
- D. 21
- E. 7

Answer: C

Explanation: The number of foreign students joining the faculty of science in 2004 was 23% of $220 = 51$. Of this 51 students 22% were Canadian, therefore 11 Canadian students joined the faculty that year.



The table above shows the sales of meat from Home Farm to the restaurants that it supplies directly. Use this information to answer the following questions.

68) What percentage of the total value of meat sold over the 5 month period was pork?

- A. 30.4%
- B. 29.6%
- C. 31.7%
- D. 30.6%
- E. 29.4%

Answer: C

Explanation: The total weight of lamb sold over the period was: $260+320+300+300+340 = 1520$ Kg
 $1520 \text{ Kg} \times \$3.75 = \$5,700$
 The total weight of beef sold over the period was: $400+330+330+340+270 = 1670$ Kg
 $1670 \text{ Kg} \times \$4.20 = \$7,014$
 The total weight of pork sold over the period was: $300+370+360+290+340 = 1660$ Kg
 $1660 \text{ Kg} \times \$3.56 = \$5,909$
 This gives a total sales value of $\$5,700+\$7,014+\$5,909 = \$18,623$.
 Therefore the percentage of the total attributable to pork was: $(5,909/18,623) \times 100 = 31.7\%$

69) What percentage of the total quantity of meat sold over the 5 month period was beef?

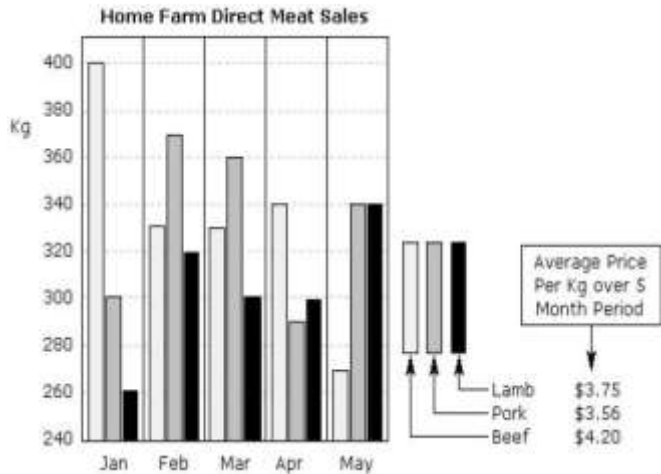
- A. 32.2%
- B. 33.6%
- C. 29.2%
- D. 28.4%
- E. 34.4%

Explanation: The total weight of beef sold over the period was: $400+330+330+340+270 = 1670$ Kg
 The total weight of all meat sold over the period was: $960+1020+990+930+950 = 4850$ Kg
 This gives a percentage of $(1670/4850) \times 100 = 34.4\%$

70) What was the total value of lamb sold over the 5 month period?

- A. \$5,200
- B. \$5,700
- C. \$6,600
- D. \$5,400
- E. \$5,300

Explanation: The total weight of lamb sold over the period was: $260+320+300+300+340 = 1520$ Kg
 This was sold for an average of \$3.75 per Kg.
 Therefore $1520 \times \$3.75 = \$5,700$



The table above shows the sales of meat from Home Farm to the restaurants that it supplies directly. Use this information to answer the following questions.

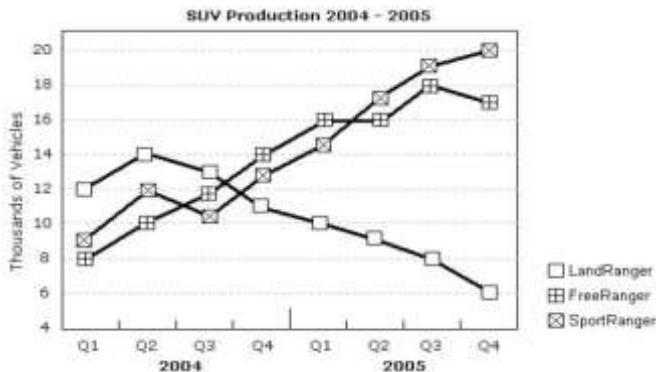
71) Which month showed the largest increase in total quantity of meat sold over the previous month?

- A. Jan
- B. Feb
- C. Mar
- D. Apr
- E. May

Answer: B

Explanation: Monthly total meat sales are as follows:

Jan 960 Kg
Feb 1020 Kg
Mar 990 Kg
Apr 930 Kg
May 950 Kg
This means the largest increase in total meat sales was in February.



The table above shows production figures for three models of Sport Utility Vehicles (SUVs) over 2 years. Use this information to answer the following questions.

72) What percentage of total LandRanger production took place in 2004?

- A. 45%
- B. 68%
- C. 65%
- D. 55%
- E. 60%

Answer: E

Explanation: The number of LandRangers produced was as follows:

2004 Q1 12,000
Q2 14,000
Q3 13,000
Q4 11,000 Total for 2004 = 50,000
2005 Q1 10,000
Q2 9,000
Q3 8,000
Q4 6,000 Total for 2005 = 33,000
There were a total of 83,000 LandRangers produced over the period of which 50,000 were produced in 2004. This gives a percentage of $(50,000/83,000) \times 100 = 60\%$

73) What was the approximate ratio of SportRangers to LandRangers produced in the final quarter of 2005?

- A. 3:1
- B. 3:2
- C. 1:3
- D. 2:3
- E. 4:3

Answer: A

Explanation: The number of vehicles produced in Q4 2005 was as follows:

LandRanger 6,000
SportRanger 20,000
Therefore the approximate ratio of SportRanger to LandRanger is 3:1

74) What percentage of vehicle production in Q2 2005 is accounted for by the SportRanger?

- A. 50%
- B. 40%
- C. 20%
- D. 30%
- E. 60%

Answer: B

Explanation: The number of vehicles produced in Q2 2005 was as follows:

LandRanger 9,000
FreeRanger 16,000
SportRanger 17,000
This gives a total of 42,000 vehicles. The SportRanger accounted for 17,000 of these, therefore the percentage is $(17,000/42,000) \times 100 = 40\%$

75) What was the total number of vehicles produced in Q4 2004?

- A. 43,000
- B. 40,000
- C. 38,000
- D. 47,000
- E. 36,000

Answer: C

Explanation: The number of vehicles produced in Q4 2004 was as follows:

LandRanger 11,000
FreeRanger 14,000
SportRanger 13,000
This gives a total of 38,000 vehicles

Age	15-20	21-30	31+
Classical	6	4	17
Pop	7	5	5
Rock	6	12	14
Jazz	1	4	11
Blues	2	3	15
Hip-Hop	9	3	4
Ambient	2	2	2
	33	33	68

The table above shows the number of people who responded to a survey about their favourite style of music. Use this information to answer the following questions.

76) What is the ratio of respondents who prefer Rock to those who prefer Jazz in the 21 - 30 age group?

- A. 1:3
- B. 3:2
- C. 3:1
- D. 2:3
- E. 1:1

Answer: C

Explanation: The number who prefer Rock is 12 and the number who prefer Jazz is 4. This gives a ratio of 12:4 which can also be expressed as 3:1 (divide both figures by 4).

77) What percentage of the total sample indicated that Jazz is their favourite style of music?

- A. 6%
- B. 8%
- C. 22%
- D. 4%
- E. 12%

Answer: E

Explanation: The total number who prefer Jazz is 1+4+11 = 16. The total sample size is 33+33+68 = 134. Therefore $(16/134) \times 100 = 11.9\%$ of the total sample prefer Jazz.

78) What percentage of respondents aged 21-30 indicated a favourite style other than Rock music?

- A. 64%
- B. 60%
- C. 75%
- D. 36%
- E. 46%

Answer: A

Explanation: This question is concerned only with respondents 21 to 30 years old. Since 12 out of 33 respondents in this group prefer Rock, then 21 must prefer other styles. Note that working it out this way minimises the number of calculations you need to make.

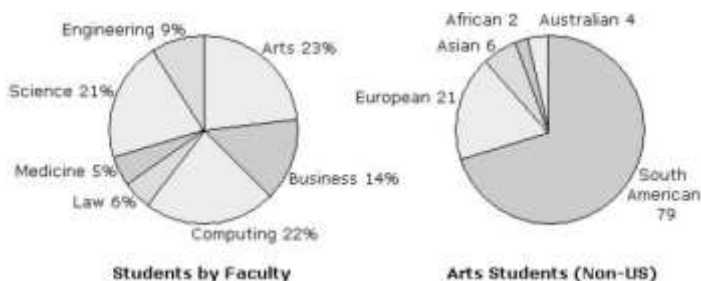
Therefore $(21/33) \times 100 = 63.6\%$ of respondents 21 to 30 years old prefer a style other than Rock.

79) What percentage of respondents under 31, indicated that Blues is their favourite style of music?

- A. 7.1
B. 7.5
C. 8.3
D. 14.1
E. 7.2

Answer: B

Explanation: This question is concerned only with respondents under 31 years old. The number who indicated that Blues was their favourite style was 5 (2+3) out of a total of 66 (33+33). Therefore $(5/66) \times 100 = 7.5\%$



The pie charts above show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages have been rounded to the nearest whole number. There are a total of 1049 students in the Arts faculty. Use this information to answer the following questions.

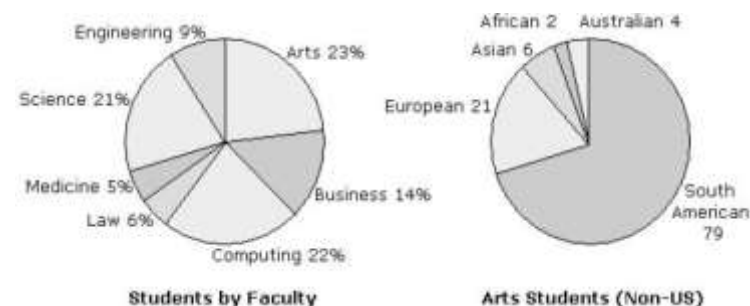
80) There are 34 European medical students. What percentage of the faculty does this represent?

- A. 14%
B. 18%
C. 12%
D. 16%
E. 15%

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Answer: E

Explanation: The total number of students studying medicine is $(4560/100) \times 5 = 228$. If 34 are from Europe then this represents $(34/228) \times 100 = 14.9\%$



The pie charts above show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages have been rounded to the nearest whole number. There are a total of 1049 students in the Arts faculty. Use this information to answer the following questions.

81) If six percent of Science students are Asian. How many Asian students are there studying Science?

- A. 48
B. 66
C. 120
D. 57
E. 43

Answer: D

Explanation: You already know that there are 4560 students in total at the university. Since 21% of them are studying science there must be $(4560/21) \times 100 = 957$ science students. If six percent of science students are Asian then $(957/100) \times 6 = 57$ Asian science students.

82) How many students are there at the university?

- A. 4650
B. 4560
C. 4640
D. 4450
E. 4460

Answer: B

Explanation: The answer is given in the working-out of the previous question. Make sure that whenever you calculate a figure from the data that you make a note of it. This can save you valuable time in later questions or of you lose track of your progress in during a question

83) How many students are there in the Engineering faculty?

- A. 420
B. 410
C. 390
D. 440
E. 400

Answer: B

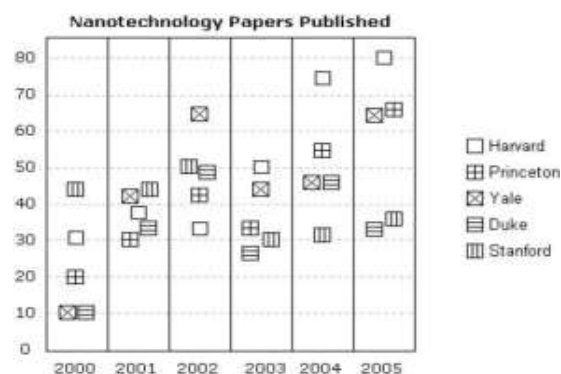
Explanation: The text states that there are a total of 1049 students in the arts faculty. This represents 23% of the total number of students according to the pie-chart on the left. This means that there are $1049/23 \times 100 = 4560$ students in total at the university. Nine percent of students are in the Engineering faculty, and $(4560/100) \times 9 = 410$

84) What percentage of students in the Arts faculty are non-US students?

- A. 14%
B. 9%
C. 30%
D. 11%
E. 15%

Answer: D

Explanation: Read the text carefully and make sure that you are clear exactly what each of these pie-charts is showing you. For example, the chart on the right shows the number of Non-US arts students. It does not show the number of art students or the percentage of Non-US arts students – both of these would be easy mistakes to make if you just scanned the text instead of reading it carefully. There are a total of $79+21+6+2+4 = 112$ Non-US arts students. The text states that there are a total of 1049 students in the arts faculty. Therefore $(112/1049) \times 100 = 10.67\%$ of the students are Non-US students.

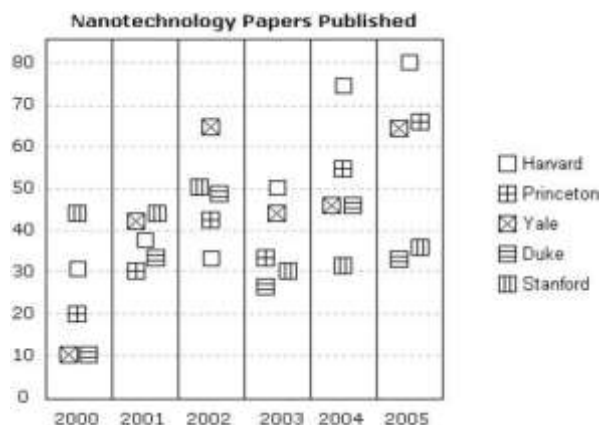


The table above shows the number of nanotechnology papers published by leading US universities over a six year period. Use this information to answer the following questions

85) Which university published the second highest number of papers over the period?

- A. Harvard
B. Prince
C. Yale
D. Duke
E. Stan.

Answer: C



The table above shows the number of nanotechnology papers published by leading US universities over a six year period. Use this information to answer the following questions

86) In what year did researchers at Princeton publish more papers than those at Harvard?

- A. 2000
B. 2001
C. 2002
D. 2003
E. 2004

Answer: C

87) In what year did researchers at Duke and Yale first publish the same number of papers?

- A. 2000
B. 2001
C. 2002
D. 2003
E. 2004

Answer: A

88) In what year did researchers at Stanford publish most papers?

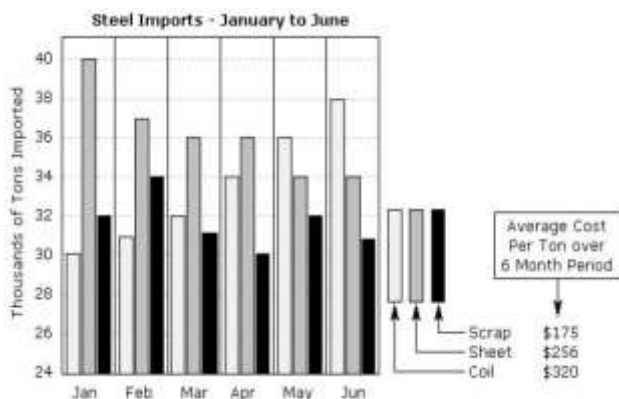
- A. 2000
B. 2001
C. 2002
D. 2003
E. 2004

Answer: C

89) How many papers were published by researchers at Yale in 2002?

- A. 50
B. 55
C. 60
D. 65
E. 70

Answer : D



90) What was the approximate ratio of sheet steel and coil steel imports in the first 3 months of the year?

- A. 11:9
B. 8:9
C. 7:11
D. 3:8
E. 7:4

Answer: A

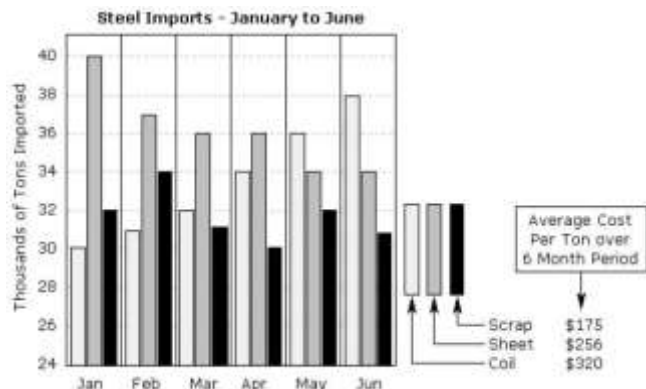
Explanation: Looking at the working for the previous question you can see that the totals are:

Coil 93 thousand tons

Sheet 113 thousand tons

Therefore the ratio is 113:93 or approximately 11:9

One of the key lessons to learn from answering questions of this type is to write down your intermediate results and working-out. You will often find that you can save time in subsequent questions if you do this.



The table above shows imports for three types of steel over a six month period. Use this information to answer the following questions.

91) What was the difference (in thousands of tons) between coil steel and sheet steel imports in the first 3 months of the year?

- A. 10
B. 16
C. 18
D. 19
E. 20

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Answer: A

Explanation: You will need to calculate the tonnage of each type of steel over the three period as follows:

Coil $30+31+32 = 93$

Sheet $40+37+36 = 113$

Therefore the difference is 10 thousand tons.

92) What was the percentage of scrap steel imported in the 6 month period?

- A. 37.5
B. 35.2
C. 36.1
D. 31.2
E. 38.3

Answer: D

Explanation: You will need to calculate the tonnage of each type of steel over the six month period as follows:

Coil $30+31+32+34+36+38 = 201$

Sheet $40+37+36+36+34+34 = 217$

Scrap $32+34+31+30+32+31 = 190$

The percentage of scrap steel is given by $(190/(201+217+190)) * 100 = 31.2\%$

93) What was the total value of sheet steel (in \$) imported over the 6 month period?

- A. 56,750
B. 75,300
C. 55,552
D. 42,370
E. 44,750

Answer: C

Explanation: The total tonnage of sheet steel was $40+37+36+36+34+34 = 217$ thousand tons. Since the average value over the six month period was \$256 per ton. This means that the total value of sheet steel imported was $217 * 256 = \$55,552$

94) Which month showed the largest decrease in total imports over the previous month?

- A. Feb
B. Mar
C. Apr
D. May
E. Jun

Answer: B

Explanation: You will need to add the figure for each of the three types of steel to get a total for each month. This gives

Jan 102

Feb 102

Mar 99

Apr 101

May 102

Jun 103

Therefore the month which showed the largest decrease over the previous month was March.

Sometimes just scanning the data is enough to see the answer to a question like this one, but in this case actually calculating the answer would be the safest option.

Motorcycle Sales (Model TT950)

Country	Jan	Feb	Mar	Apr	May	Jun	Total
Germany	34	47	45	54	56	60	296
UK	40	44	36	47	47	46	260
France	37	32	32	32	34	33	200
Belgium	14	14	14	16	17	14	89
Spain	29	29	28	31	29	31	177
Italy	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

95) What percentage of total imports is accounted for by the three smallest importers?

- A. 37.1
B. 14.8
C. 40.0
D. 36.6
E. 35.1

Answer: E

Explanation: Scan the Total column to find the three smallest importers. Add the totals for Spain, Belgium and Italy, which gives $89+177+144 = 410$. The percentage of the overall total is calculated as $(410/1166) * 100 = 35.1\%$

Motorcycle Sales (Model TT950)

Country	Jan	Feb	Mar	Apr	May	Jun	Total
Germany	34	47	45	54	56	60	296
UK	40	44	36	47	47	46	260
France	37	32	32	32	34	33	200
Belgium	14	14	14	16	17	14	89
Spain	29	29	28	31	29	31	177
Italy	22	24	24	26	25	23	144
Total	176	190	179	206	208	207	1166

The table above shows the unit sales of the TT950 motorcycle in six European countries over a six month period. These motorcycles are imported into each country by a main dealer. Use this information to answer the following questions.

96) What is the average number of units per month imported into Italy over the first four months of the year?

- A. 22
- B. 23
- C. 24
- D. 25
- E. 26

Answer: C

Explanation: The number of units imported into Italy over the first 4 months of the year was: 22, 24, 24, and 26. Adding these gives 96 and dividing by 4 gives an average of 24.

97) What is the average number of units per month imported into Italy over the first four months of the year?

- A. 22
- B. 23
- C. 24
- D. 25
- E. 26

Answer: C

Explanation: The number of units imported into Italy over the first 4 months of the year was: 22, 24, 24, and 26. Adding these gives 96 and dividing by 4 gives an average of 24.

98) What percentage of the monthly total was sold to the biggest importer in February?

- A. 24.7
- B. 23.1
- C. 36.5
- D. 51.1
- E. 15.1

Answer: A

Explanation: Scanning down the February column, you can see the Germany was the biggest importer in February with 47 units. The monthly total for February was 190 units. The percentage is calculated as $(47/190) * 100 = 24.7\%$

99) Which month showed the biggest increase in total sales from the previous month?

- A. Feb
- B. Mar
- C. Apr
- D. May
- E. Jun

Answer: C

Explanation: To answer this question as quickly as possible you should scan the figures in the monthly totals row. The question asks which month showed the biggest increase – so you can ignore any months where there was a decrease or where the increase is obviously insignificant. This leaves Jan-Feb and Mar-Apr. You need to make 2 calculations subtracting the January figure from the February figure and the March figure from the April figure. This gives 14 and 27 respectively, which means that April showed the biggest increase. Note how scanning the figures first cuts down on the number of calculations you need to make. This not only saves time but decreases the chances of making a simple mistake with the calculations.

100) What percentage of the overall total was sold in May?

- A. 24.1
- B. 25.6
- C. 27.1
- D. 17.8
- E. 20.3

Answer: D

Explanation: A total of 208 units were sold in May out of a total of 1166 units. The percentage is calculated as: $(208/1166) * 100 = 17.83\%$