Reasoning Ability

1. '34' is related to '12' in the same way as '59' is related to
   (a) 45
   (b) 14
   (c) 42
   (d) 17
   (e) None of these

2. What should come next in the following number sequence?
   2 2 3 2 3 4 2 3 4 5
   2 3 4 5 6 2 3 4 5 6
   (a) 2
   (b) 7
   (c) 8
   (d) 3
   (e) None of these

3. Among P, Q, R, S, T and U, R is taller than only P and U. S is shorter than only T and Q. If each of them has a different height, who among them will be the third from top when they are arranged in descending order of their height?
   (a) R
   (b) P
   (c) S
   (d) U
   (e) None of these

4. Vikas walked 10 metres towards North, took a left turn and walked 15 metres and again took a left turn and walked 10 metres and stopped walking. Towards which direction was he facing when he stopped walking?
   (a) South
   (b) South-West
   (c) South-East
   (d) Cannot be determined
   (e) None of these

5. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
   (a) BD
   (b) CE
   (c) GI
   (d) FL
   (e) None of these

6. How many such 7s are there in the following number sequence each of which is immediately preceded by 5 and not immediately followed by 8?
   2 3 5 7 8 9 4 3 5 7 6 1 9 3
   5 7 4 8 3 2 5 7 8 8 9 2 5
   (a) None
   (b) One
   (c) Two
   (d) Three
   (e) More than three

7. If it is possible to form a number with the first, the fourth and the seventh digits of the number 4671358, which is the perfect square of a two-digit

number, which of the following will be the digit in the tenth place of that two-digit number? If no such number can be formed, give 'O' as the answer and if more than one such number can be made, give 'X' as the answer—
   (a) 2
   (b) 9
   (c) O
   (d) X
   (e) None of these

8. Among P, Q, R, S and T, Q is younger than only S and R and older than T. Who among them is the oldest?
   (a) P
   (b) R
   (c) S
   (d) Data inadequate
   (e) None of these

9. In a certain code '99346' is written as 'SAD%F' and '8173' is written as 'HB@D'. How is '9865' written in that code?
   (a) HAF5
   (b) AFH5
   (c) ADF5
   (d) BHF5
   (e) None of these

10. If 'M' denotes '÷', 'K' denotes '−', 'T' denotes '×' and 'R' denotes '+', then—
    20 K 16 T 8 M 4 R 6 = ?
    (a) 6
    (b) 2
    (c) −12
    (d) −18
    (e) None of these

11. Pointing to a boy, Meena said "He is the only grandson of my grandfather." How is the boy related to Meena?
    (a) Brother
    (b) Cousin
    (c) Uncle
    (d) Data inadequate
    (e) None of these

12. B is sister of D. M is father of D. N is sister of M. How is B related to N?
    (a) Sister
    (b) Aunt
    (c) Niece
    (d) Data inadequate
    (e) None of these

13. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
    (a) Fruit
    (b) Flower
    (c) Leaf
    (d) Tree

14. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
    (a) 26
    (b) 34
    (c) 72
    (d) 46
    (e) 38

15. Four of the following five are alike in a certain way. Which is the one that does not belong to that group?

(a) Cuckoo   (b) Crow
(c) Bat   (d) Parrot
(e) Sparrow

16. How many such pairs of letters are there in the word TERMINATE each of which has as many letters between them in the word as in the English alphabet?

(a) None   (b) One
(c) Two   (d) Three
(e) More than three

17. If it is possible to make only one meaningful English word with the second, the fifth, the sixth and the tenth letters of the word STREAMLINE, which of the following will be the third letter of that word ? If no such word can be made, give 'X' as the answer and if more than one such word can be made, give 'Y' as the answer—

(a) E   (b) A
(c) Y   (d) X

Directions (Q. 18 to 24)—In each of the questions below are given three statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

18. Statements : Some blades are papers. Some papers are books. Some books are pens.

Conclusions :
I. Some pens are papers.
II. Some books are blades.
III. Some pens are blades.

(a) Only I follows   (b) Only II follows
(c) Only III follows   (d) None follows
(e) Only II and III follow

19. Statements : Some pencils are marbles. All marbles are buses. Some buses are trucks.

Conclusions :
I. Some buses are pencils.
II. Some trucks are marbles.
III. No truck is pencil.

(a) Only I follows
(b) Only II follows
(c) Only either I or III follows
(d) Only either I or II and II follow
(e) Only either I or III and II follow
(f) None of these

20. Statements : Some trees are jungles. Some jungles are flowers. All flowers are gems.

Conclusions :

I. Some streets are jungles.
II. Some streets are trees.
III. Some streets are trees.

(a) Only I follows
(b) Only II follows
(c) Only III follows
(d) Only I and II follow
(e) None of these

21. Statements : All desks are tables. All tables are chairs. Some chairs are colas.

Conclusions :
I. Some solas are desks.
II. Some chairs are desks.
III. Some tables are desks.

(a) Only I and II follow
(b) Only II and III follow
(c) Only I and III follow
(d) All follow
(e) None of these

22. Statements : Some cycles are bikes. No bike is flower. All flowers are goats.

Conclusions :
I. No goat is cycle.
II. Some flowers are bikes.
III. Some goats are bikes.

(a) None follows   (b) Only I follows
(c) Only II follows   (d) Only III follow
(e) Only II and III follow

23. Statements : All rivers are hills. All hills are rocks. Some rocks are sticks.

Conclusions :
I. Some sticks are hills.
II. Some sticks are rivers.
III. Some rocks are rivers.

(a) None follows   (b) Only I follows
(c) Only II follows   (d) Only III follows
(e) Only II and III follow

24. Statements : All tyres are cars. All wheels are cars. All cars are trains.

Conclusions :
I. All tyres are trains.
II. Some trains are wheels.
III. Some trains are cars.

(a) Only I follows   (b) Only I and II follow
(c) Only II and III follow (d) Only II and III follow
(e) All follow

Directions (Q. 25 to 29)—In each question below is given a group of letters followed by four combinations of symbols and digits lettered (A), (B), (C) and (D). You have to find out which of the combinations correctly represents the group of letters based on the following codes and conditions and mark the letter of that combination as the answer. If none of the four combinations correctly represents the group of letters, mark (e) i.e. 'None of these' as the answer.

Practice Test Paper-VII

Letter :

BMKATREUNFHIWDP

Digit/Symbol Code :

6 9 ⊛ 2 θ 1 # 5 3 ◉ 4 7 ⊕ 5 0

Conditions :

(i) If the first letter is a vowel and the last letter is a consonant, both are to be coded as the code for the vowel.

(ii) If the first letter is a consonant and the last letter is a vowel, codes for these two are to be interchanged.

(iii) If both the first and the last letters are consonant, both are to be coded as the code for the last letter.

Now based on the above, find out coded form of the letter group given in each question.

25. RNWDEF
(a) 9 θ 3 ◉ ⊛ #   (b) # θ 3 ◉ ⊛ 9
(c) # θ 3 ◉ ⊛ #   (d) # 3 θ ◉ ⊛ #
(e) None of these

26. MATRBW
(a) % θ 6 9 7 3   (b) 3 θ 6 9 7 3
(c) % θ 6 9 7 %   (d) 3 θ 6 9 7 %
(e) None of these

27. EDPKIA
(a) θ ⊛ 4 5 6 ◉   (b) ◉ ⊛ 4 5 6 θ
(c) θ ⊛ 4 5 6 8   (d) 8 ⊛ 4 5 6 θ
(e) None of these

28. ABUHFI
(a) ◉ 2 1 7 # 5   (b) θ 7 2 1 # ◉
(c) 5 7 2 1 # 5   (d) θ 7 2 # 1 5
(e) None of these

29. WPTMBI
(a) 5 4 6 % 7 3   (b) 3 4 6 % 7 5
(c) 3 4 6 % 5 7 3   (d) 5 4 6 % 7 5
(e) None of these

Directions (Q. 30 to 32) In each of the following questions, find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix?

30. Select a suitable figure from the four alternatives that would complete the figure matrix.

(1)   (2)   (3)   (4)

31. Select a suitable figure from the four alternatives that would complete the figure matrix.

(1)   (2)   (3)   (4)

(a) 1   (b) 2
(c) 3   (d) 4
(e) Cant say

32. Select a suitable figure from the four alternatives that would complete the figure matrix, a particular rule in each step.

(1)   (2)   (3)   (4)

(a) 1   (b) 2
(c) 3   (d) 4
(e) Cant say

Directions (Q. 33 to 35)—Study the following information carefully and answer the given questions :

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input : 51 pour 32 start now 23 46 house

Step I : 23 51 pour 32 start now 46 house

Step II : 23 start 51 pour 32 now 46 house

Step III : 23 start 32 51 pour now 46 house

Step IV : 23 start 32 pour 51 now 46 house

Step V : 23 start 32 pour 46 51 now house

Step VI : 23 start 32 pour 46 51 now 51 house and step VI is the last step of the rearrangement.

(d) 1   (b) 2
(c) 3   (d) 4
(e) Cant say

As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

33. **Step II of an input is :18 task bear cold dish 81 63 31** How many more steps we will be required to complete the rearrangement?
(a) Three
(b) Four
(c) Five
(d) Six
(e) None of these

34. **Input : 72 59 37 go for picnic 24 journey** How many steps will take to complete the rearrangement?
(a) Three
(b) Four
(c) Five
(d) Six
(e) None of these

35. **Input : nice flower 34 12 costly height 41 56** Which of the following will be step III?
(a) 12 nice 34 height flower costly 41 56
(b) 12 nice 34 height 41 flower costly 56
(c) 12 nice 34 flower costly height 41 56
(d) 12 nice flower 34 costly height 41 56
(e) None of these

Directions (Q. Nos. 36-40) : Each of the questions below contains five 'Problem Figures' and five 'Answer Figures'. The five problem figures on the left side constitute a series. You have to determine which of the 'Answer Figures' would come as the sixth problem figure if the series continues. The number of that 'Answer Figure' is your answer.
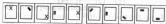
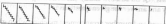36. **Problem Figures** **Answer Figures**

(a) (b) (c) (d) (e)

37. **Problem Figures** **Answer Figures**

(a) (b) (c) (d) (e)

38. **Problem Figures** **Answer Figures**
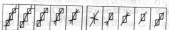
(a) (b) (c) (d) (e)

39. **Problem Figures** **Answer Figures**

(a) (b) (c) (d) (e)

40. **Problem Figures** **Answer Figures**

(a) (b) (c) (d) (e)

Directions—(Q. 41 to 50) Read the following passage carefully and answer the questions given below it.

Once upon a time, there lived a robber in a village. One day, he stole a temple bell and ran towards the forest. A Tiger heard the jingle of the bell and became curious to locate the sound. As soon as he saw the robber, he jumped upon him and killed him at once. The bell fell on the ground. After a few days, a group of monkeys passed through that way. They spotted the bell and carried it to their home in the forest.

They found the jingle of the bell very interesting. Subsequently every one of them became very fond of the bell and started playing with it. After every tiring day, the monkeys would sit on the top of a hill in the forest in the night and enjoy the melodious sound of the bell. The people of the village were afraid of the noise. Soon afterwards, the people from the village found the body of the robber and proclaimed, 'Certainly there is an evil spirit around here that kills human beings and then rings the bell to celebrate'.

When the people heard this, they thought that a demon was haunting their village. Without giving any second thought, people started leaving the village in terror and settling in a new place. However, there was an intelligent and bold woman in that village. She thought to herself, "I don't believe that a demon is haunting this village. I will find out who is ringing the bell". Late in the night, she went into the forest bravely and found that a group of monkeys was playing about and ringing the bell.

Now as the woman knew the secret of the bell, she went to the King and said, 'Your Majesty ! For sure there is not evil spirit in the village and the cause of all the trouble lies somewhere else. If you grant me some money, I will get rid of it and bring happiness to the village.' The King, who was also terrified of the hoax that prevailed in the village, granted the request of the woman.

The woman bought as much peas, groundnuts and fruits with that money as she could. She went into the forest, made a circle under a tree on the ground, placed all the eatables and hid herself at some distance. She kept a watch on the monkeys from a distance.

As and when the monkeys saw the eatables, they dropped the bell just as the old woman had expected of them. They ran to pick the eatables. The woman picked

up the bell quickly and rushed towards the village. She gave the bell in the court of the King. The King was happy with the brave woman and everyone in the village admired her bravery. The pleased King rewarded the woman for her bravery. Since that day there was no sound of the bell in the village. People returned to their village and lived happily ever after.

41. **What did the group of monkeys do with the bell?**
(a) They used it to scare away the villagers
(b) They enjoyed its pleasant sound every night
(c) They returned it to the temple
(d) They gave it to the king as they feared him
(e) None of these

42. **Why did the villagers move out of the village in search of a new place?**
(a) They were scared of frequent attacks of the man eating tiger
(b) They were terrified of the king as he was an evil person
(c) The village was cursed by Gods as villagers could not find the lost bell of the temple
(d) They were fed up of frequent robberies in the village
(e) None of these

43. **Why did the woman from the village go to the forest late in the night?**
(a) To find out who was ringing the bell every night in the forest
(b) To request the demon to leave the village and live somewhere else
(c) In order to hide from the demon present in the village
(d) To hunt down the evil monkeys who had been killing human beings
(e) None of these

44. **How did the robber who stole the bell from the temple die?**
(a) As the bell belonged to a temple, he was cursed by Gods and died
(b) The group of monkeys killed him in order to take the bell from him
(c) A tiger in the forest spotted the robber due to the ringing bell and killed him
(d) The king had ordered the woman to find the robber and kill him
(e) None of these

45. **What did the villagers presume after finding the dead robber?**
(a) That monkeys in the forest had been killing human beings
(b) That an evil spirit had been killing human beings and haunting the village

(c) That there was a man-eating tiger in the forest
(d) That the man had been killed of a curse as he had stolen a temple's bell
(e) None of these

46. **Why is the woman referred to as intelligent and bold in the given story?**
(a) She was the only one in the entire village who had dared to confront the evil king
(b) She killed the troublesome group of monkeys all by herself
(c) She looted the king and drew out a substantial amount of money from him
(d) She was not frightened of the hoax and was brave enough to find out the truth behind it
(e) None of these

47. **Why did the woman ask for some money from the king?**
(a) She needed money for moving away from the haunted village
(b) In order to buy eatables to attract the monkeys
(c) To pay the demon in exchange for leaving the village
(d) In order to buy a new bell for the temple and end God's curse
(e) None of these

48. **Which of the following is true in context of the passage?**
(a) The king of the village bravely fought against the robber and killed him
(b) The monkeys informed the tiger that a robber had entered the forest
(c) Finally, all the villagers returned to their homes
(d) There was an evil spirit in the village which killed human beings
(e) None is true

49. **Why did the monkeys drop the bell before the woman picked it up and took it to the village?**
(a) They wanted to collect all the eatables kept under the tree
(b) The woman threatened them to drop the bell or face the consequences
(c) They were scared as the king had ordered them to return the bell to the temple
(d) The tiger threatened to kill them if they refused to return his bell
(e) None of these

50. **Which of the following best describes the woman as mentioned in the passage?**
(a) Evil
(b) Superstitious
(c) Generous
(d) Cruel
(e) Courageous

Directions–(Q. 51 to 53) Choose the word/group of words which is/are most similar in meaning to the word in the passage.

51. **SPOTTED**
(a) Supplied
(b) Spoiled
(c) Noticed
(d) Provided

52. **GRANT**
(a) Assign
(b) Reward
(c) Give
(d) Generate
(e) Request

53. **WATCH**
(a) Observation
(b) Impression
(c) Record
(d) Period
(e) Sec

Directions–(Q. 54 and 55) Choose the word/group of words which are most opposite in meaning to the word in the passage.

54. **DROPPED**
(a) Selected
(b) Raised
(c) Increased
(d) Maintained
(e) Pick up up

55. **ADMIRED**
(a) Neglected
(b) Criticised
(c) Disagreed
(d) Punished
(e) Feared

Directions–(Q. 56 to 60) Which of the phrases (a), (b), (c) and (d) given below each sentence should replace the phrase printed in bold in sentence to make it grammatically correct ? If the sentence is correct as it is given and 'No correction is required', mark (e) as the answer.

56. **I looked everywhere as my keys, but I couldn't figure out where I had put them.**
(a) For my key
(b) As mine keys
(c) For my keys
(d) Finding my keys
(e) No correction required

57. **The new restaurant is doing good business because it serves food of good quality at lower rates than other restaurants in the area.**
(a) Of serving food in
(b) It serves food for
(c) They serve food of
(d) It serves food in
(e) No correction required

58. **The president was extremely popular on the world stage but is dislike in his own country.**
(a) But was disliked
(b) Rather is disliked
(c) Because of dislike
(d) But is liked
(e) No correction required

59. **In an attempt to change its oldfashioned image, the newspaper must created a section aimed at younger leaders.**
(a) Will create few
(b) Is creating few
(c) Should creates a
(d) Has created a
(e) No correction required

60. **As her neighbour have loud parties every night, she does not complain. She prefers to put up with it.**
(a) Because her neighbour
(b) Even though her neighbours
(c) Despite of neighbours
(d) Instead of her neighbour
(e) No correction required

Directions–(Q. 61 to 65) In each question below a sentence is divided in four parts is given. These are lettered as (a), (b), (c) and (d). One of these four parts may be either mis-spelt or inappropriate in the context of the sentence. Find out the part which is wrongly spelt or inappropriate if any. The letter of that part is your answer. If all the part are correctely spelt and also appropriate in the context of the sentence, mark (e) i.e., 'All correct' as your answer.

61. Drivers (a) who exceed (b) the speed limit (c) are duly find (d) by the traffic police personnel. All correct (e)

62. This project (a) is in its final faize (b) of completion and is expected (c) to be ready (d) by the end of this year. All correct (e)

63. The bonred (a) of governors meets (b) once every month to discuss (c) the organisation's policy. (d) All correct (e)

64. There was a slight (a) reduction (b) in his wait (c) after almost a week (d) of strict dieting. All correct (e)

65. He has not been able to attend (a) the office (b) for last four (c) days because he is suffering (d) from fever. All correct (e)

Directions–(Q. 66 to 70) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e) i.e. 'No Error'. (Ignore the errors of punctuation, if any.)

66. The father divided (a) / the property equally (b) / between his son (c)/ and daughter (d)./ No error (e)

67. I am thinking (a) / you were aware (b) / of the rules and regulation (c)/ before joining (d)./ No error (e)

68. I knows a very good doctor (a) / in my village (b) / who will be able to (c)/ cure your disease (d)./ No error (e)

69. I am not scared (a) / to be travelling (b) / in the dark (c)/ alonge at night (d)./ No error (e)

70. The elevator in the building (a) / is inner repair, (b) / we regret for (c)/ the inveinience caused (d)./ No error (e)

Directions–(Q. 71 to 75) In each of the following questions as words are given which are denoted by (1), (2), (3) (4), (5) and (6). By using all the six words, each only once, you have to frame a meaningful and grammatically correct sentence. The center of words is the answer. Choose from the five alternatives, the one having the correct order of words and mark it as your answer on the answersheet

71. (1) WAS
(2) HER
(3) IMPRESSED
(4) I
(5) HONESTY
(6) BY
(a) 412635 (b) 615324
(c) 316425 (d) 413625
(e) 642351

72. (1) ABANDON
(2) WE
(3) SHIP
(4) TO
(5) THE
(6) HAD
(a) 264153 (b) 213645
(c) 261354 (d) 546132
(e) 513642

73. (1) TO
(2) WAS
(3) LEAVE
(4) IMMEDIATELY
(5) TOLD
(6) SHE
(a) 621543 (b) 351642
(c) 164253 (d) 351624
(e) 625134

74. (1) WEATHER
(2) TODAY
(3) IS
(4) HOT
(5) THE
(6) VERY
(a) 416352 (b) 513642
(c) 512436 (d) 541632
(e) 412356

75. (1) IGNORED
(2) WARNING
(3) MANY
(4) SIGNS
(5) PEOPLE
(6) THE
(a) 351462 (b) 326154
(c) 351624 (d) 254361
(e) 261345

Directions–(Q. 76 to 80) Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

76. Sadly, tomorrow's cricket match will have to be .... due to bad weather.
(a) played (b) unorganised
(c) cancelled (d) won
(e) rained

77. The dumping of waste products is carefully done by the company in order to .... any harm to the environment.
(a) avoid (b) cause
(c) expect (d) intend
(e) do

78. No matter where that prisoner tries to ...., the police will find him sooner or later.
(a) imprison (b) arrest
(c) find (d) stops
(e) hide

79. I do not know where Neha lives because we have been .... of touch for quite some time.
(a) not (b) out
(c) hardly (d) never
(e) ever

80. It is a shame that many people in the world have to live .... basic necessities such as food and shelter.
(a) along (b) including
(c) despite (d) without
(e) short

Quantitative Aptitude

81. If 20% of 40% of a = 25% of a% of b, then what is b?
(a) 8/5 (b) 16/25
(c) 8/25 (d) 2/5
(e) None of these

82. By what % is 200 more than 50?
(a) 100 (b) 200
(c) 300 (d) 250
(e) None of these

83. A value changes from 30 to 80. What is the change?
(a) 125 (b) 166.66
(c) 156 (d) 135
(e) None of these

84. The population of a city is increased by 30% and thus became 78000. What is the original population?
(a) 76000 (b) 64200
(c) 60000 (d) 52000
(e) None of these

85. In a theatre, the number of seats is increased by 20% and the price per ticket is increased by 10% but the public response decreased by 30%. What is the net effect on the economy of the theatre?
(a) 10% rise (b) 7% fall

(c) 7% rise (d) 10% fall
(e) None of these

86. A saves 20% of his income! His income is increased by 20% and so he increased his expenditure by 30%. What is the percentage change in his savings?
(a) 20% fall (b) 4% fall
(c) 20% rise (d) 4% rise
(e) none of these

87. The price of petrol is increased by 25%. By what percent the consumption be reduced to make the expenditure remain the same?
(a) 25% (b) 33.33%
(c) 20% (d) 23%
(e) None of these

88. The side of a square is increased by 20%. The percentage change in its area is ___
(a) 20% (b) 44%
(c) 36% (d) 31%
(e) None of these

89. If the length of a rectangle is increased by 33.33%, by what percentage should the breadth be reduced to make the area same?
(a) 20% (b) 33.33%
(c) 25% (d) 19%
(e) None these

90. In an election between two candidates, A and B, A secured 56% of the votes and won by 48000 votes. Find the total number of votes if 20% of the votes were declared invalid
(a) 500000 (b) 400000
(c) 600000 (d) 700000
(e) None of these

91. A reduction of 10% in price of sugar enables a housewife to buy 5 kg more for Rs. 300/-. Find the reduced price per kg of sugar.
(a) 5/- (b) 4.5/-
(c) 6/- (d) 7/-
(e) None of these

92. From a 20lt solution of alt and water with 20% salt, 2lt of water is evaporated(Find the new % concentration of salt.
(a) 20% (b) 23%
(c) 25% (d) 31%
(e) None of these

93. In a list of weights of candidates appearing for police selection, the weight of A is marked as 58 kg instead of 64.4 kg. Find the percentage of correction required
(a) 30 (b) 20
(c) 24 (d) 32
(e) None of these

94. A person spends 20% of his income on rent, 20% of the rest on food, 10% of the remaining on clothes and 10% on groceries. If he is left with Rs. 9520/- find his income
(a) 10000/- (b) 15000/-
(c) 20000/- (d) 25000/-
(e) None of these

95. A shopkeeper offers three successive discounts of 10%, 20% and 30% to a customer. If the actual price of the item is Rs. 10000, find the price the custome has to pay to the shopkeeper.
(a) 5040/- (b) 4000/-
(c) 6040/- (d) 7000/-
(e) None of these

96. If 10 lt solution of water and alcohol containing 10% alcohol is to be made 20% alcohol solution, find the volume of alcohol to be added
(a) 1 lt (b) 1.2 lt
(c) 1.5 lt (d) 2 lt
(e) 2.5lt

97. A is twice B and B is 200% more than C. By what percent is A more than C?
(a) 400 (b) 600
(c) 500 (d) 200
(e) None of these

98. In an examination, a student secures 40% and fails by 10 marks. If he scored 50%, he would pass by 15 marks. Find the minimum marks required to pass the exam.
(a) 250 (b) 100
(c) 110 (d) 115
(e) 138 (d) 125

99. If A is 20% taller than B, by what percent is B shorter than A?
(a) 20% (b) 25%
(c) 16.66% (d) 23%
(e) None of these

100. The population of a town increases at a rate of 10% for every year. If the present population is 12100, find the population two years ago.
(a) 10000 (b) 9800
(c) 10000 (d) 11125
(e) 10120

101. A solution of salt and water contains 15% salt. If 30 lt water is evaporated from the solution the concentration becomes 20% salt, Find the original volume of the liquid before water evaporated(d)
(a) 100 lt (b) 120 lt
(c) 200 lt (d) 300lt
(e) None of these

102. If 240 lt of oil is poured into a tank, it is still 20% empty. How much more oil is to be poured to fill the tank?

(a) 300 lt   (b) 60 lt
(c) 120 lt   (d) 20%
(e) None of these

103. A and B were hired for the same salary. A got two 40% hikes whereas B got a 90% hike. What is the percentage difference in the hikes they got?

(a) 16%   (b) 6%
(c) 10%   (d) 4%
(e) 2%

104. The population of a town doubled every 5 years from 1960 to 1975. What is the increase in population in this period?

(a) 800   (b) 200
(c) 400   (d) 700
(e) None of these

105. In a test of 90 questions, Jyothsna answered 75% of the first 60 questions correctly. What % of the remaining questions she has to answer correctly so that she can secure an overall percentage of 80 in the test?

(a) 80%   (b) 90%
(c) 85%   (d) 95%
(e) 75%

106. In an election between two candidates, one got 72% of the total valid votes. 25% of the total votes are invalid. If the total votes are 8200, what is the number of valid votes the other person got?

(a) 1835   (b) 1722
(c) 2050   (d) 4428
(e) None of these

107. In how many different ways can the letters of the word 'WEDDING' be arranged?

(a) 5040   (b) 2500
(c) 2520   (d) 5000
(e) None of these

108. Milind takes as much time in running 15 metres as a car takes in covering 40 metres. What will be the distance covered by Milind during the time the car covers 2 km?

(a) 1000 metres   (b) 600 metres
(c) 800 metres   (d) 750 metres
(e) None of these

109. Four milkmen rented a pasture. A grazed 16 cows for 4 months, B grazed IQ cows for 2 months, C grazed 18 cows for 6 months, and D grazed 16 cows for 5 months. If A's share of rent is Rs 1,020, what is C's share of rent?

(a) Rs 1,458   (b) Rs 1,360
(c) Rs816   (d) Cannot be determined
(e) None of these

Directions (Q.110-116): *Study the following data carefully and answer the questions given below. Out of 6500 students from the Arts wing of a college, 23 % of the total number of students have majored only in Psychology. 17% of the total number of students have majored only in English Literature, and 15% of the total number of students have majored only in Politics. 7% of the total number of students have majored only in History. 2% of the total number of students have majored only in Philosophy, and 10% of the total number of students have majored only in History. 8% of the total number of students have majored in both Psychology and Philosophy. 4% of the total number of students have majored in History as well as Politics, and 1% of the total number of students have majored in English Literature as well as Philosophy, the remaining students have majored in both Psychology and English Li-rature, and 3% of the total number of students have majored in History and Philosophy.*

110. What is the ratio of the number of students majoring in Philosophy to the number of students majoring only in Psychology?

(a) 4:5   (b) 7:8
(c) 1:2   (d) 7:8
(e) None of these

111. Students majoring in History are a percentage what of the total number of students majoring in Politics?

(a) 48   (b) 61
(c) 52   (d) 57
(e) None of these

112. How many students have majored only in Politics?

(a) 650   (b) 975
(c) 715   (d) 455
(e) None of these

113. What is the total number of students majoring in English Literature?

(a) 1300   (b) 1495
(c) 1300   (d) 2050
(e) None of these

114. Lowest number of students have majored in which subject?

(a) History   (b) Philosophy
(c) Politics   (d) English Literature
(e) Psychology

115. 9654 /21 +7638 / 44 =?

(a) 633   (b) 600
(c) 643   (d) 621
(e) 598

116. (4.36) 2 x 66.5 - 371 = ?

(a) 840   (b) 893
(c) 871   (d) 888
(e) 880

117. 3"?340 × 668 =?

(a) 300   (b) 350
(c) 505   (d) 425
(e) 575

118. 2.5 × 0.08 × (1.9)2 =?

(a) 1.5   (b) 0.8
(c) 0.12   (d) 0.06
(e) 0.01

Directions (Q. 119-120): Each question given below is followed by two statements 1 and 2. You are to determine whether the data given in the statement is sufficient to answer the question. You should use the data and your knowledge of Mathematics to choose between the possible answers.

Give answer (a). if the statement 1 alone is sufficient to answer the question, but the Statement 2 alone is not sufficient to answer the question.

Give answer (b). if the statement 2 alone is sufficient, to answer the question, but the statement 1 alone is not sufficient to answer the question.

Give answer (c). if both the statements 1 and 2 together are needed to answer the question.

Give answer (d). if either the statement 1 alone or the statement 2 alone IS sufficient to answer the question.

Give answer (e). if you cannot get the answer from the statements 1 and 2 together, but need even more data.

119. How many women can complete a piece of work in 15 days?
1.   12 women can complete the same piece of work in 20 days.
2.   10 men can complete the same piece of work in 12 days.

120. What is the rate of interest p.c.p.a. on an amount of Rs 12,000/- deposited in a bank?
1.   The difference between the simple interest and the compound interest is Rs 172.80.
2.   The simple interest for four years is Rs2,880.

General Awareness

121. 'Food For Oil' programme running in which of the following countries was in news recently?
(a) Kuwait   (b) Iran
(c) Iraq   (d) Lebanon

122. The 'Supreme Court of India' recently declared which of the following proclamations unconstitutional?

(a) Formation of a enquiry commission to probe Volcker Reports
(b) Dissolution of Bihar Assembly
(c) Setting up another commission in place of Phukan Commission
(d) Setting up a commission headed by an eminent diplomat to investigate recent Bomb Blast in Delhi instead of allowing CBI to do the same
(e) None of these

123. Which of the following is true about the recent discussion on the tariff reduction formulae proposed at the WTO?
(a) India rejected the formulae presented by South Africa as it more or less matches with the formulae presented by it. South Africa was given the responsibility to find an amicably acceptable solution to the same
(b) India along with several others presented a formulae which was accepted by the USA but the EU refused to accept it
(c) USA, Australia and EU presented a formulae which is not acceptable to India
(d) India wishes to resign from the membership of the WTO as it is not ready to sacrifice the interests of the agriculturists of India
(e) None of these

124. Which of the following European Countries was recently in news as violent riots broke out there?
(a) Italy   (b) Germany
(c) Spain   (d) France
(e) None of these

125. Sunil Mittal is adjudged the 'Business Leader of the Year' by which of the following news paper/ magazines?
(a) Business world
(b) Business India
(c) Economic Times
(d) Business Standard
(e) None of these

126. Thomas C. Schelling and Robert J. Aumann won the 'Nobel Prize' recently in the field of —
(a) Physics   (b) Economics
(c) Chemistry   (d) Literature
(e) None of these

127. India, recently decided to conduct a joint air exercise with which of the following countries? (The exercise was in news recently as a group of people was not in favour of such joint ventures)
(a) Britain   (b) Sri Lanka
(c) China   (d) France
(e) None of these

128. India wants that the UN Security Council must have at least—

(a) 5 permanent members including India and China
(b) 5 permanent members including India and China
(c) 9 permanent members including India and Pakistan
(d) 11 permanent members including India and Pakistan
(e) 15 permanent members in both permanent and non-permanent category

129. Which of the following states was badly hit by a killer earthquake?
(a) Himachal Pradesh (b) Punjab
(c) Gujarat (d) Haryana
(e) Jammu & Kashmir

130. R. K. Surati who won four Gold Medals in a Championship held in Pretoria recently is associated with which of the following games/sports?
(a) Rifle Shooting (b) Archery
(c) Power lifting (d) 400 mt. Race
(e) None of these

131. Which of the following companies is not an IT Software company?
(a) Infosys (b) Wipro
(c) NIIT (d) Rolex
(e) All are IT/Software Companies

132. Which of the following is not a banking/finance related term?
(a) NPA (b) NAV
(c) Liquidity (d) NAFTA
(e) IPO

133. Which among the following movies in march 2013, won the best feature film award at the 60th national film awards for 2012?
(a) Vicky Donor (b) Paan singh tomar
(c) Chittagong (d) Kahaani
(e) None of these

134. 'Nakhlk' which was recently in news, is a city in—
(a) Italy (b) France
(c) Germany (d) China
(e) None of these

135. Anju Bobby George won Gold Medal in 16th Asian Athletics Meet held recently. The games were organized in—
(a) South Korea (b) India
(c) China (d) Pakistan
(e) None of these

136. Who among the following is the Chairman of the Central Information Commission(CIC) set up recently under the Right to Information Act?
(a) Sam Pitroda
(b) M. S. Swaminathan
(c) Rakesh Mohan
(d) Wajahat Habibullah

137. The 13th SAARC meet was held in—
(a) Dhaka (b) Kathmandu
(c) Islamabad (d) New Delhi
(e) None of these

138. Who amongst the following is the author of the book 'Mathematical Theory of Black Holes'? (The author is regarded a great astrophysicists of the modern times)
(a) Dr. C. V. Raman
(b) Dr. J. V. Narlikar
(c) Dr. S. Chandrasekhar
(d) Dr. Homi Jehangir Bhabha
(e) Dr. Vikram Sarabhai

139. Asian Junior Table Tennis Championship matches were played recently in—
(a) China (b) India
(c) South Korea (d) Singapore
(e) None of these

140. Mr. Khurshid Mahmud Kasuri is the—
(a) External Affairs Minister of Pakistan
(b) External Affairs Minister of Bangladesh
(c) Home Minister of Pakistan
(d) Home Minister of Bangladesh
(e) None of these

141. What is India's position in terms of the number of Internet users in the world?
(a) 3rd (b) 4th
(c) 9th (d) 10th
(e) None of these

142. Which of the following countries had emerged as World's largest Cell phone market? (As per the figures available upto April 2012)
(a) India (b) USA
(c) Japan (d) China
(e) None of these

143. Which of the following schemes is being implemented in rural areas which provides an assured employment of 100 days to a willing youth in India ?
(a) Sampoorna Gramin Rozgar Yojana (SGRY)
(b) National Rural Employment Programme (NREP)
(c) Rural Landless Employment Guarantee Programme
(d) Jawahar Rozgar Yojana (JRY)
(e) None of these

144. Who amongst the following is the author of the book 'Doctor Zhivago' ?
(a) Maxim Gorky (b) Boris Pasternak
(c) Aldous Huxley (d) George Eliot
(e) None of these

145. Who amongst the following is not a recipient of 'Bharat Ratna' ?
(a) Pt. Ravishankar (b) Lata Mangeshkar

(a) Amitabh Bachchan
(b) Prof. Amartya Sen
(c) Dr. A.P.J. Abdul Kalam

146. Justice Yogesh Kumar Sabharwal was the new Chief Justice of—
(a) Allahbad High Court
(b) Mumbai High Court
(c) Delhi High Court
(d) Kolkata High Court
(e) Supreme Court of India

147. Raman Magsaysay Awards are not given in which of the following categories ?
(a) Government Service
(b) Community Leadership
(c) Journalism
(d) Public Service
(e) Music

148. Harold Pinter, who won the Nobel Prize for Literature, is a citizen of—
(a) China
(b) Britain
(c) USA
(d) Russia
(e) Canada

149. Which of the following countries is not the member of SAARC ?
(a) Bhutan
(b) Maldives
(c) Sri Lanka
(d) Surinam
(e) Nepal

150. Veselin Topolov who became the World Champion recently, is associated with which of the games/sports ?
(a) Chess
(b) Golf
(c) Snooker
(d) Badminton

151. Which of the following is not an anti inflationary measures of the Government?
(a) Strict fiscal discipline
(b) Rationalization of Excise Duties
(c) Strengthening Public Distribution System
(d) Issuing new currency notes/coins
(e) Rationalization of Import Duties

152. The headquarters of the World Trade Organization (WTO) is in—
(a) Vienna
(b) Geneva
(c) New York
(d) Nebraska
(e) None of these

153. 'Kyat' is the monetary unit of—
(a) North Korea
(b) Israel
(c) Indonesia
(d) Mongolia
(e) Myanmar

154. Which of the following is the full form of 'PPP' ?
(a) Purchase Price and Power

(b) Producer Price and Power
(c) Poverty, Production and Purchases
(d) Purchasing Power Parity
(e) None of these

155. Which of the following universities of North-East states has now the status of a Central University ?
(a) Manipur
(b) Shillong
(c) Guwahati
(d) Mizoram
(e) None of these

156. Who amongst the following is not a member of G-8 ?
(a) Australia
(b) Canada
(c) Japan
(d) France
(e) USA

157. 'Quartz', which is used in ornaments or in industries, is a crystal containing—
(a) Silicon Dioxide
(b) Platinum Dioxide
(c) Silver Chloride
(d) Fluoro Carbon
(e) None of these

158. A farmer engaged in Organic Farming will never use which of the following manures ?
(a) Compost
(b) Sewage Sludge
(c) Cow dung
(d) Urea
(e) None of these

159. Which of the following is a Cricket related term ?
(a) Push in
(b) Scissor Kick
(c) Hook
(d) Smash
(e) Dribble

160. Nirmal Verma who died recently was a famous—
(a) Painter
(b) Classical singer
(c) Author
(d) Politician
(e) Social Worker

Computer Knowledge

161. Fifth generation computers may have ...as main electronic component.
(a) Integrated circuit
(b) Microprocessor
(c) Transistor
(d) Optical fibre

162. Super computer PACE was developed by—
(a) BARC, Mumbai
(b) IIT, Mumbai
(c) IISc, Bangalore
(d) NAL, Bangalore
(e) None of these

163. The super computer developed by C-DAC, Pune—
(a) Anupam
(b) Param
(c) Flosover
(d) Mach
(e) None of these

164. The computers which measures physical quantities like temperature, heath etc.
(a) Digital　(b) Hybrid
(c) Analogue　(d) all of these
(e) None of these

165. In computers the data and instructions of users are received by—
(a) (b)
(e) None of these

166. It is considered as brain of the computer—
(a) ALU　(b) UAM
(c) UCM　(d) CPU
(e) None of these

167. The instructions give by the computer operator are called—
(a) Data　(b) Instructions
(c) Command　(d) Processing
(e) all of these

168. A program which is performed for a definite work is called—
(a) Application program (b) Utility program
(c) operating system　(d) all of these
(e) none of these

169. Error in the computer program or system is called—
(a) Virus　(b) bug
(c) both (a) & (b)　(d) corruption
(e) None of these

170. It controls the internal operations of the computer—
(a) System software　(b) Application software
(c) Utility software　(d) All of these
(e) None of these

171. It converts high level programs into machine language program
(a) Assemble　(b) Interpreter
(c) Compiler　(d) Utility software
(e) None of these

172. The work done by operating system to bring the computer in full working condition is called:
(a) Activation　(b) boot
(c) Cache　(d) Back up
(e) None of these

173. Collection of data, saved by a special name is caved:
(a) File　(b) Folder
(c) Database　(d) Directory
(e) None of these

174. Visual interface in which files, commands, Software's etc. are displayed in the form of icon:

(a) Internet　(b) LAN
(c) GUI　(d) WAN
(e) None of these

175. A software fabricated to damage data by any means is called-
(a) Bug　(b) insect
(c) Virus　(d) error
(e) None of these

176. Optical character reader is a-
(a) Input device　(b) Output device
(c) Software　(d) Scanner
(e) None of these

177. ALU stands for
(a) Arithmetic long unit
(b) Arithmetic and logical unit
(c) All logical unit
(d) Arithmetic or logical unit
(e) None of these

178. MICR stands for-
(a) Magnetic Ink computer Reading
(b) Magnetic Ink character Recorder
(c) Magnetic Ink character recognition
(d) Magnetic Ink and color Reader
(e) None of these

179. Which of these is not an input device:
(a) (b)
(c) OCR
(d) Projector
(e) None of these

180. IBM stands for:
(a) International Business Management
(b) International Business Machine
(c) Indian Business Machine
(d) Indian Business Model
(e) None of these

181. Marketing function includes—
(a) Designing new products
(b) Advertisements
(c) Publicity
(d) After sales service
(e) All of these

182. Lead generation can be resorted to by browsing—
(a) Telephone directories

(b) Yellow pages
(c) Internet sites
(d) List of existing customers

183. Effective selling skills depend on—
(a) Effective lead generation
(b) Sales Call Planning
(c) Territory Allocation
(d) Effective communication skills
(e) All of these

184. Market Information means—
(a) Knowledge level of marketing staff
(b) Information about marketing staff
(c) Information regarding Share market
(d) Knowledge of related markets
(e) All of these

185. Marketing channels mean—
(a) Delivery period   (b) Delivery time
(c) Delivery outlets   (d) Delivery place
(e) All of these

186. 'Buyer Resistance' means—
(a) Buyer's interest in the product being sold
(b) Buyer fighting with the seller
(c) Buyer's resistance in buying the product
(d) Buyer becoming a seller
(e) Buyer buying the product

187. Marketing is the function of—
(a) Sales persons
(b) Production Department
(c) Planning Department
(d) Team leaders
(e) A collective function of all staff

188. A DSA means—
(a) Direct Service Agency
(b) Direct Selling Agent
(c) Double Selling Agent
(d) Distribution Agency
(e) None of these

189. Service Marketing is resorted to in—
(a) all manufacturing companies
(b) All production houses
(c) Export units
(d) Insurance companies and banks
(e) All of these

190. Marketing is—
(a) A skilled person's job

(b) A one day function
(c) A one time act
(d) Required only when a new product is launched
(e) None of these

191. Market share refers to—
(a) Share market prices
(b) Price fluctuation in the market
(c) Share issue floated by the company
(d) Share of wallet
(e) Share of business of the company as compared to others

192. Service Marketing is the same as—
(a) Internet marketing
(b) Telemarketing
(c) Internal Marketing
(d) Relationship Marketing
(e) All of these

193. Current Accounts can be freely opened by ....
Find the incorrect answer.
(a) All NRIs
(b) All businessmen
(c) Government departments
(d) Firms and Companies
(e) HUFs

194. Buyer Resistance can be overcome by—
(a) Cordial relation between buyer and seller
(b) Good negotiation
(c) Persuasive communication
(d) Good service
(e) All of these

195. Cross-selling is useful for canvassing—
(a) Current Accounts
(b) Fixed Deposit Accounts
(c) Student loans
(d) Car loans
(e) All of these

196. Market segmentation helps to determine—
(a) Target groups   (b) Sale price
(c) Product life cycle
(e) All of these

197. The target group for Car loans are—
(a) Auto manufacturing companies
(b) Car dealers
(c) Taxi drivers
(d) Car purchasers