Reasoning

Directions (1-5) : Study the following information carefully and answer the given questions :

Eight persons B, D, F, H, J, L, N and P are sitting around a circular table facing the centre, but not necessarily in the same order.

- D and H are immediate neighbours of F.
- L sits third to the left of B. B is an immediate neighbour of D.
- J sits third to the right of P.

1. What is the position of P with respect to the position of D ?
   (1) Third to the left
   (2) Third to the right
   (3) Second to the left
   (4) Immediate right
   (5) Second to the right

2. Who among the following sits third to the left of F ?
   (1) D  (2) H
   (3) B  (4) J
   (5) N

3. Who amongst the following sits exactly between P and N ?
   (1) L  (2) H

4. Which of the following pairs represents the immediate neighbours of L ?
   (1) BJ  (2) FP
   (3) NP  (4) PH
   (5) JN

5. Starting from B, if all the persons are made to sit in the alphabetical order in clockwise direction, the positions of how many (excluding B) will remain unchanged ?
   (1) One  (2) Two
   (3) Three  (4) Four
   (5) None

Directions (6-10) : Study the following information carefully and answer the questions given below :

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 various steps of rearrangement. (All the numbers are two digit numbers).

<table>
<thead>
<tr>
<th>Input</th>
<th>tide</th>
<th>idol</th>
<th>68</th>
<th>46</th>
<th>frost</th>
<th>wolf</th>
<th>32</th>
<th>82</th>
<th>radio</th>
<th>96</th>
<th>14</th>
<th>nylon</th>
<th>74</th>
<th>cage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step I</td>
<td>cage</td>
<td>14</td>
<td>tide</td>
<td>idol</td>
<td>68</td>
<td>46</td>
<td>frost</td>
<td>wolf</td>
<td>32</td>
<td>82</td>
<td>radio</td>
<td>96</td>
<td>nylon</td>
<td>74</td>
</tr>
<tr>
<td>Step II</td>
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<td>32</td>
<td>cage</td>
<td>14</td>
<td>tide</td>
<td>idol</td>
<td>68</td>
<td>46</td>
<td>wolf</td>
<td>82</td>
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<td>96</td>
<td>nylon</td>
<td>74</td>
</tr>
<tr>
<td>Step III</td>
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<td>46</td>
<td>frost</td>
<td>32</td>
<td>cage</td>
<td>14</td>
<td>tide</td>
<td>68</td>
<td>wolf</td>
<td>82</td>
<td>radio</td>
<td>96</td>
<td>nylon</td>
<td>74</td>
</tr>
<tr>
<td>Step IV</td>
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<td>68</td>
<td>idol</td>
<td>46</td>
<td>frost</td>
<td>32</td>
<td>cage</td>
<td>14</td>
<td>tide</td>
<td>wolf</td>
<td>82</td>
<td>radio</td>
<td>96</td>
<td>74</td>
</tr>
<tr>
<td>Step V</td>
<td>radio</td>
<td>74</td>
<td>nylon</td>
<td>68</td>
<td>idol</td>
<td>46</td>
<td>frost</td>
<td>32</td>
<td>cage</td>
<td>14</td>
<td>tide</td>
<td>wolf</td>
<td>82</td>
<td>96</td>
</tr>
<tr>
<td>Step VI</td>
<td>tide</td>
<td>82</td>
<td>radio</td>
<td>74</td>
<td>nylon</td>
<td>68</td>
<td>idol</td>
<td>46</td>
<td>frost</td>
<td>32</td>
<td>cage</td>
<td>14</td>
<td>wolf</td>
<td>96</td>
</tr>
<tr>
<td>Step VII</td>
<td>wolf</td>
<td>96</td>
<td>tide</td>
<td>82</td>
<td>radio</td>
<td>74</td>
<td>nylon</td>
<td>68</td>
<td>idol</td>
<td>46</td>
<td>frost</td>
<td>32</td>
<td>cage</td>
<td>14</td>
</tr>
</tbody>
</table>

And Step VII is the last step of the rearrangement as the desired arrangement is obtained.

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

Input: kind year 67 17 brush urea 31 87 race gift 71 43 out 55

6. Which word/number would be at sixth position from the right in the Step V?
   (1) year
   (2) 17
   (3) brush
   (4) urea
   (5) 67

7. Which step number is the following output?
   kind 43 gift 31 brush 17 year 67 urea 87 race 71 out 55

8. Which word/number would be at the tenth position from the left in the Step IV ?
   (1) 67
   (2) urea
   (3) 17
   (4) gift
   (5) 31

9. How many elements (words/numbers) are there between 'out' and 'brush' as they appear in the Step VI ?

10. Which of the following represents the position of 'kind' in the fifth step ?
    (1) Sixth from the right
    (2) Fifth from the left
    (3) Eighth from the left
    (4) Seventh from the right
    (5) Seventh from the left
Directions (11-15): Study the following information carefully and answer the given questions:

In a certain code language:
'want to start business' is written as 'tu ja na re'.
'business difficult to begin' is written as 'la re ke tu'.
'business difficult and demanding' is written as 'ba tu da la'.
'demanding business risky start' is written as 'tu ja da sa'.

11. What is the code for 'begin'? (1) re (2) ke (3) la (4) tu (5) Cannot be determined
12. Which of the following represents 'difficult start'? (1) na la (2) la tu (3) ke ja (4) ja la (5) da ja
13. What is the code for 'want'? (1) na (2) tu (3) ja (4) re (5) Either 'na' or 'ja'
14. Which of the following may represent 'demanding and profitable business'? (1) ba tu da ke (2) la re ja ba (3) ba tu ru da (4) tu da na ke (5) sa ba tu la
15. What does 'sa' stand for? (1) start (2) business (3) (4) risky (5) Either 'risky' or 'start'

Directions (16-20): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and —

Give answer (1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

Give answer (2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (3) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) if the data given in both the statements I and II together are not sufficient to answer the question, and

Give answer (5) if the data in both the statements I and II taken together are necessary to answer the question.

16. Who amongst F, G, H, I and J is the youngest? I. H who is not as old as I, is the second youngest. II. J is younger than H.
17. Who amongst E, F, G, H and I is the heaviest? I. F is heavier than I. E is heavier than H. H is lighter than G. II. E is the second heaviest. E is lighter than G.
18. How is M related to K? I. H is the son of M. L is the wife of M. II. B is the brother of L. K is the wife of D.
19. What is the position of S in a class of 40 students? I. P's rank is three below than that of S. P is 7th from the bottom in the class. II. There are 17 students between A and S and 5 students between S and B in the class.
20. Among P, Q, R, S and T who reached the fixed spot first? I. R was third to reach the spot and Q. S and T were not the first to reach the spot. II. P reached the spot before Q and S. T and R reached the spot after P.

Directions (21-25): In these questions relationship between different elements is shown in the statements. The statements are followed by two conclusions.

Give answer (1) if only Conclusion I is true.

Give answer (2) if only Conclusion II is true.

Give answer (3) if only Conclusion I or II is true.

Give answer (4) if neither Conclusion I nor II is true.

Give answer (5) if both Conclusions I and II are true.

(21-22) : Statements
M > O ≥ N ≥ Q = R < T
21. Conclusions
I. N < M II. T > Q
21. Conclusions
I. R < O II. R = O
23-24) : Statements
F ≥ K > G ≥ H = I < J
23. Conclusions
I. F ≥ H II. G > J
24. Conclusions
I. G ≥ J II. I ≤ K
25. Statements
J > K ≥ M ≥ R = T
Conclusions
I. T > K II. M < J

Directions (26-32) : In each question below are two or three statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give answer (1) if only conclusion I follows.

Give answer (2) if only conclusion II follows.

Give answer (3) if either conclusion I or II follows.

Give answer (4) if neither conclusion I nor II follows.

Give answer (5) if both conclusions I and II follow.
26. Conclusions
I. At least some objects are calculators.
II. At least some machines are computers.

27. Conclusions
I. No object being a machine is possible.
II. At least some calculators are machines.

28. Statements
Some stars are planets.
No planet is moon.

Conclusions
I. At least some moons are stars.
II. At least some planets are stars.

29. Statements
Some whales are mammals.
No mammal is an insect.
All insects are kites.

Conclusions
I. At least some kites are insects.
II. All mammals are kites.

30. Statements
Some governors are directors.
All directors are managers.

Conclusions
I. Some managers are governors.
II. Some directors are managers.

31. Conclusions
I. No book is eraser.
II. Some books are erasers.

32. Conclusions
I. Some books are pens.
II. All pens can never be pencils.

33. Each vowel of the word BUCK-SHOT is changed to the next letter in the English alphabetical order and each consonant is changed to the previous letter in the English alphabetical order. If the new alphabets thus formed are arranged in alphabetical order (from left to right), which of the following will be fifth from the right?
(1) R (2) B
(3) G (4) J
(5) P

34. How many such pairs of letters are there in the word DISPLACED each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order?
(1) One (2) Two
(3) Three (4) Four
(5) More than four

35. In a certain code language BRIDGE is written as DUKGIH and NUMBER is written as PXOEGU. How will CUSTOM be written in the same code language?
(1) EWUVQO (2) EXUWQP
(3) FXVWRP (4) EZUYQR
(5) None of these

36. Who likes History?
(1) P (2) R
(3) Q (4) V
(5) Data inadequate

37. Whose favourite sport is Basketball?
(1) S (2) W
(3) Q (4) Data inadequate
(5) None of these

38. Which subject does T like?
(1) Biology (2) Physics
(3) Chemistry (4) Data inadequate
(5) None of these

39. What is Q’s favourite sport?
(1) Cricket (2) Table Tennis
(3) Football (4) Badminton
(5) None of these

40. Which subject does P like?
(1) History (2) Biology
(3) Chemistry (4) Data inadequate
(5) None of these
41. (1) shambles (2) failure  
   (3) demand (4) prosperity  
   (5) ruined
42. (1) bricks (2) emphasize  
   (3) request (4) stress  
   (5) important
43. (1) through (2) across  
   (3) sharing (4) with  
   (5) on
44. (1) made (2) comprise  
   (3) consisted (4) is  
   (5) contained
45. (1) cater (2) provide  
   (3) manage (4) survive  
   (5) give
46. (1) gap (2) position  
   (3) distance (4) length  
   (5) thought
47. (1) reduction (2) sea  
   (3) cropping (4) disabling  
   (5) emergence
48. (1) needy (2) destitute  
   (3) bigger (4) affluent  
   (5) much
49. (1) slowly (2) improve  
   (3) many (4) improvised  
   (5) tremendous
50. (1) speed (2) pace  
   (3) inequality (4) uniformity  
   (5) seriousness

Directions (41–50): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blanks appropriately. Find out the appropriate word in each case.

Prior to independence the healthcare sector in India was in a (41) with a large number of deaths and rampant spread of infectious diseases. After independence the Government of India laid (42) on primary healthcare and India has put in sustained efforts to better the healthcare system (43) the country. The government initiative was not enough to meet the demands of a growing population be it in primary, secondary or tertiary healthcare. Alternate sources of finance were critical for the sustainability of the health sector.

Till about 20 years ago, private sector ventures in the healthcare sector (44) of only solo practitioners, small hospitals and nursing homes. The quality of service provided was excellent especially in the hospitals run by charitable trusts and religious foundations. In 1980’s realizing that the government on its own would not be able to (45) for healthcare, the government allowed the entry of private sector to reduce the (46) between supply and demand for healthcare. The establishment of the private sector has resulted in the (47) of opportunities in terms of medical equipment, information technology in health services, BPO, telemedicine and medical tourism.

Large companies and (48) individuals have now started five star hospitals which dominate the space for the high end market. The private sector has made (49) progress, but on the flip side it is also responsible for increasing (50) in the healthcare sector. The private sector should be more socially relevant and effort must be made to make private sector accessible to the weaker sections of society.

earn have been undermined. The institutions that encourage debt and living for the moment have been strengthened. The moral guardians are forever looking for decadence out of movies and reality shows. But the most rampant decadence today is financial decadence, the trampling of decent norms about how to use and harness money.

The deterioration of financial traditions has meant two things. First, it has meant an explosion of debt that inhibits social mobility and ruins lives. Second, the transformation has led to a stark financial polarization. On one hand, there is what is called an investor class. It has tax-deferred savings plans, as well as an army of financial advisers. On the other hand, there is the lottery class, people with little access to financial planning but plenty of access to payday lenders, credit cards and lottery agents.

The loosening of financial inhibition has meant more options for the well-educated but more temptation and chaos for the most vulnerable. Social norms, the invisible threads that guide behaviour, have deteriorated. Over the past years, people have been more socially conscious about protecting the environment and inhaling tobacco. They have become less socially conscious about money and debt.

The agents of destruction are: many and State governments have also played a role. They hawk their lottery products with aggression, which some people call a tax on stupidity. Twenty per cent of the world’s population consists of frequent players, spending about $60 billion a year. Aside from the financial toll, the moral toll is comprehensive. Here is the government, the guardian of order, telling people that they don’t have to work to build for the future. They can strike it rich for nothing.

Payday lenders have also played a role. They seductively offer fast cash – at absurd interest rates – to 15 million people every month. Credit card companies have played a role. Instead of targeting the financially astute, who pay off their debts,
they have found that they can make money off the young and vulnerable. Fifty-six per cent of students in their final year of college carry four or more credit cards. The nation’s leaders have played a role as they have always had an incentive to shove costs for current promises onto the backs of future generations. It has only now become respectable to do so. The market itself has played a role. Software stalwarts built socially useful products to make their fortune. But what message do the salary packages that their top managers get send across the country when they ignore millions of fellow countrymen who suffer from poverty, malnutrition or hunger? Austerity has become a thing of the past.

The list could go on. But there could be some recommendations. First, raise public consciousness about debt the way the anti-smoking activists did with their campaign. Second, create institutions that encourage thrift. Foundations and religious institutions could issue short-term loans to cut into the payday lenders’ business. Colleges could reduce credit card advertising on campus. The tax code should tax consumption not income.

But the most important thing is to shift values. The ‘wise’ made it prestigious to embrace certain middle class virtues. Now it’s socially acceptable to undermine those virtues. It is considered normal to play the debt game and imagine that decisions made today will have no consequences in the future.

**51.** What does the author mean by the phrase *the transformation has led to a stark financial polarization* as used in the passage?

(1) The deterioration of social norms has benefited only the wealthy and the knowledgeable while the vulnerable class of people has fallen into a debt trap

(2) Since moral inhibitions no longer exist, the debt agents provide loans only to the affluent class thus widening the gap between the rich and the poor

(3) The debt culture is being utilized as a measure to draw money from the wealthy class by credit card companies

(4) Both (1) and (2)

(5) None of these

**52.** Which of the following is true in context of the passage?

(1) Ever since its existence, money has ruined lives owing to lack of awareness among people regarding its unrestricted usage

(2) Government has taken many initiatives to control the rampant money lending business to protect vulnerable sections of the society.

(3) Governments throughout the world have been putting tax on amount of consumption of an individual rather than his/her income

(4) Credit card companies are discreet enough to provide credit cards to only those people who guarantee repaying money in the future

(5) None is true

**53.** Which of the following can be the most appropriate title for the given passage?

(1) The debt culture and government initiatives to curtail it

(2) Breaking social barriers—taking the route of financial indulgence

(3) Accumulation of debt—a lesson for the future generations

(4) Effect of ‘consumerism’ on the world market

(5) Lack of perseverance for saving money in India

**54.** Which of the following, according to the author, has/have been responsible for the encouragement of culture of debt in the society lately?

(A) The changing lifestyle which makes it impossible for a common man to sustain himself without debts and loans.

(B) Breaking down of moral institutions which supported economic prudence.

(C) Provision for easy availability of loans to every section of the society regardless of their ability to repay these.

(1) Only A

(2) Only B

(3) Both A and C

(4) Both B and C

(5) None of these

**55.** The author of the given passage seems to be definitely

(1) suggesting that the agents of debts be banned from the society.

(2) unaware of the benefits associated with the easy availability of loans these days

(3) in favour of bringing back the financial restrictions once imposed by the society

(4) not supportive of campaigns related to anti-tobacco and saving the environment.

(5) None of these

**Directions (56–58):** Choose the word/group of words which is most similar in meaning to the word/phrase printed in **bold** as used in the passage.

**56.** **THRIFT**

(1) Compassion

(2) Prudence

(3) Pleasure

(4) Acceptance

(5) Frugality

**57.** **STRIKE IT**

(1) Smash

(2) Reveal

(3) Register

(4) Assume

(5) Become

**58.** **AGGRESSION**

(1) Violence

(2) Hostility

(3) Offensively

(4) Determination

(5) Belligerence

**Directions (59–60):** Choose the word/phrase which is most opposite in meaning to the word printed in **bold** as used in the passage.

**59.** **EXPLOSION**

(1) Deflation

(2) Split

(3) Reduction

(4) Simplification

(5) Alteration

**60.** **ABURD**

(1) Expensive

(2) Diplomatic

(3) Consistent

(4) Invariable

(5) Reasonable
Directions (61–65) : 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 will be the answer. If there is no error, the answer is (5). i.e. ‘No error’. (Ignore the errors of punctuation, if any.)

61. It was an evening of (1) / fun and frolic as the city’s glitterati (2) / and high-profile businessmen made sure (3) / that they didn’t miss the show. (4) / No error (5)

62. Results found that boys not only (1) / play more than girls, but (2) / they start earlier, an outcome that (3) / could be clearly related to a cultural influence. (4) / No error (5)

63. Videogames may not (1) / necessarily adversely affect (2) / the academic results in children (3) / contrary to most parents’ perception. (4) / No error (5)

64. Celebrities showed their child-like side (1) / yesterday, as most of them turned up wearing (2) / cartoon T-shirts for the screening of (3) / the latest animated film in town. (4) / No error (5)

65. The study focusing exclusively to (1) / critically ill children found that children with chronic illnesses, (2) / especially respiratory illnesses, are most likely, (3) / to develop influenza that requires critical care. (4) / No error (5)

Directions (66–70) : Rearrange the following sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and then answer the questions which follow:

(A) In fact according to mainstream economists it is inevitable and a necessary evil in any economy.

(B) It is thus important for every nation to maintain this reserve of labour force to maintain an optimal level of unemployment.

(C) Unemployment is popularly believed to be an index which measures the economic condition of a nation.

(D) This is because it helps avert inflation by providing a reserve army of labour which keeps wages in check.

(E) The problem, however, only emerges when governments indirectly facilitate unemployment in order to curb inflation through various policies and frameworks, depriving a large population of its fundamental rights.

(F) But contrary to popular belief unemployment is not always disadvantageous to the economy of a state.

66. Which of the following sentences should be the SIXTH (LAST) after rearrangement?

(1) A (2) B (3) C (4) E (5) F

67. Which of the following sentences should be the FIRST after rearrangement?

(1) A (2) B (3) C (4) D (5) E

68. Which of the following sentences should be the FIFTH after rearrangement?

(1) A (2) B (3) C (4) E (5) F

69. Which of the following sentences should be the SECOND after rearrangement?

(1) A (2) B (3) D (4) E (5) F

70. Which of the following sentences should be the THIRD after rearrangement?

(1) A (2) E (3) D (4) F (5) C

Directions (71–75) : Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

71. As the boat ____ all those on board fortunately managed to reach the bank of the river ____, with the help of the life boats.

(1) capsized, drowned
(2) fell, harmlessly
(3) dropped, uninjured
(4) deceased, unhurt
(5) sank, safely

72. Ashima ___ her team with a lot of skill and the ___ increase in the sales by the team is a measure of her success.

(1) dominates, poor
(2) condemns, sudden
(3) manages, significant
(4) directs, worthless
(5) overpowers, exceptional

73. On being asked for the passport, he ____ to his dismay that he had ____ to bring it along with him to the airport.

(1) shocked, failed
(2) realized, forgotten
(3) pleaded, neglected
(4) understood, lost
(5) recognized, missed

74. Helen quickly ____ the career ladder and is now the ____ managing director, the company has ever appointed.

(1) jumped, shortest
(2) entered, oldest
(3) started, junior most
(4) climbed, youngest
(5) ascended, inexperience

75. A famous economist says that the government should do more to ____ jobs in the area in order to curb the ___ rate of unemployment.

(1) create, rising
(2) need, increasing
(3) employ, high
(4) invent, growing
(5) generate, slowing

Directions (76–80) : Which of the phrases (1), (2), (3) and (4) given below each statement should replace the phrase given in bold in the following sentence to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and ‘No correction is required’, mark (5) as the answer.
76. The corruption charges were a huge blow to his reputation and his business suffered to a great extent.
   (1) his business suffers to
   (2) his business suffered on
   (3) his business suffering to
   (4) his business suffers on
   (5) No correction required.

77. Airline companies pay nearly 25 billion dollars for their right of fly over the countries other than their parent country.
   (1) their right to fly
   (2) their right flying
   (3) their right to flying
   (4) there right to flight
   (5) No correction required.

78. When he fell down the ditch, he shouted with all his might so that to catch someone's attention.
   (1) such that to catch
   (2) so as to catch
   (3) so that to catching
   (4) so then to catch
   (5) No correction required.

79. To disparity between the earnings of the poor and the rich has widen in the last few decades.
   (1) have widen in
   (2) has widen on
   (3) have widen in
   (4) has widen in
   (5) No correction required.

80. Instead of teaching abstracted concepts, the new and improved textbooks tell stories of real people so that the children can identify with the characters.
   (1) Inspite of teaching abstracted
   (2) Instead of taught abstract
   (3) Instead of teaching abstract
   (4) Inspite of taught abstract
   (5) No correction required.

81. Quantitative Aptitude
   What will come in place of the question mark (?) in the following question?

   \[
   \frac{11}{2} + \frac{5}{8} = \frac{648 \times 77^2}{72} \]

   (1) 18 (2) 24 (3) 12 (4) 16 (5) None of these

82. Directions (82-83) : Read the following information to answer the questions:

   There are 650 candidates from five different states to participate in a competition. From state 1, the number of candidates is 12% of the total candidates. From state 2 there are one fifth of the total candidates. There are 8% of total candidates from state 3. The number of candidates from state 4 and state 5 is equal.

   How many candidates did participate from state 4?

   (1) 390 (2) 195 (3) 78 (4) 187 (5) None of these

83. What is the ratio between the number of candidates from state 2 and state 3?

   (1) 3 : 5 (2) 2 : 5 (3) 5 : 2 (4) 5 : 3 (5) None of these

84. 76% of 567 + 4 = ? \times 7

   (1) 16.93 (2) 16.39 (3) 15.93 (4) 15.39 (5) None of these

85. 12985 = 2378 + 12121 - 6776

   (1) 5694 (2) 6694 (3) 6594 (4) 9564 (5) None of these

86. \[ \frac{1}{5} \times \frac{5}{12} + \frac{1}{3} = ? \]

   (1) \frac{1}{3} (2) \frac{4}{9} (3) \frac{5}{9} (4) \frac{5}{9} (5) None of these

87. \[(1600 + 1000)^2 + (0.256 \times 10)^7 \times (1.024 + 4)^6 = (1.6)^x - 8\]

   (1) 8 (2) 9 (3) 10 (4) 7 (5) None of these

88. \[(? + 25) \div 0.16 = 1935 \div 9\]

   (1) 560 (2) 1860 (3) 760 (4) 860 (5) None of these

89. \[96 \times 2117 + 73 = (? - 198) \times 32\]

   (1) 285 (2) 385 (3) 185 (4) 825 (5) None of these

90. \[\sqrt{157 \times 9.5} - (63 \times 115) + 1408 = ?\]

   (1) 25 (2) 35 (3) 45 (4) 55 (5) None of these

91. \[567 - 469.3 + 19 \times 10 = ?\]

   (1) 381 (2) 391 (3) 325 (4) 324 (5) None of these

92. \[25\% \text{ of } 5450 - 12\% \text{ of } 750 = 1654\]

   (1) 32 (2) 34 (3) 36 (4) 23 (5) None of these

93. \[(?)^2 \% \text{ of } 108 = (17)^2 + 386\]

   (1) 24 (2) 25 (3) 15 (4) 35 (5) None of these

94. \[19.8\% \text{ of } 1750 + 6\% \text{ of } 150 = ? + 276.8\]

   (1) 78.9 (2) 87.7 (3) 78.7 (4) 87.9 (5) None of these

95. \[675.5 + (9.4)^2 - 126.8 = (?)^2 - 38.94\]

   (1) 32 (2) 36 (3) 24 (4) 26 (5) None of these

96. \[\frac{21}{37} \div \frac{7}{15} = ? \times 2432 - 1109\]

   (1) 5995 (2) 3595 (3) 4595 (4) 3995 (5) 4995

97. \[4326.73 - 2332.52 + 765.91 = ? + 2494.75\]

   (1) 265.37 (2) 265.73 (3) 256.37 (4) 256.73 (5) None of these
98. \[\frac{2\frac{4}{5}}{1\frac{5}{8}} - \frac{7}{10} = ? - \frac{1}{40}\]
   (1) \(\frac{1}{5}\)  (2) \(\frac{1}{2}\)  
   (3) \(\frac{1}{8}\)  (4) \(\frac{1}{40}\) 
   (5) None of these

99. \((2444 + 94) ÷ 2 = \sqrt{x}\)
   (1) 225  (2) 144  
   (3) 169  (4) 189 
   (5) None of these

100. \(23 - (23)^2 + 23 x \frac{23 + 0.23 + 23}{?} = ?\)
   (1) 2442  (2) 2424  
   (3) 3232  (4) 2323 
   (5) None of these

101. \(2184 + 39 + 4 - 67 = (?)^2 - 109\)
   (1) 3136  (2) 3316  
   (3) 6316  (4) 3116 
   (5) None of these

102. \([(27)^2 + (6)^2 + (11)^2] - (17 \times 24) = (?)^3 + 135\)
   (1) 17  (2) 7  
   (3) 9  (4) 8 
   (5) None of these

103. \(\sqrt{7569} + 12 \times 104 = (?)^2 + (23)^2\)
   (1) 25  (2) 8  
   (3) 16  (4) 15 
   (5) None of these

104. \((3\sqrt{5} + 6)^2 = ? + 36\sqrt{5} + 59\)
   (1) 22  (2) 24  
   (3) 26  (4) 12 
   (5) None of these

105. \(873.53 + 532.32 - ? = 535.1 + 232.95\)
   (1) 673.8  (2) 637.8  
   (3) 367.8  (4) 763.8 
   (5) None of these

106. \((58)^2 - (4)^3 \times 486 ÷ 18 = (?)^2 + 547\)
   (1) 43  (2) 23  
   (3) 33  (4) 53 
   (5) None of these

107. \(\sqrt{292.41} \times \sqrt{42.25} = ? + 121.98\)
   (1) 10.38  (2) -10.38  
   (3) 10.83  (4) -10.83 
   (5) None of these

108. \(148 + \sqrt{369} + 142 = 6 \times (?)^2 - 70\)
   (1) 6  (2) 8  
   (3) 4  (4) 9  
   (5) None of these

Directions (109–113): In each of these questions an equation is given with a question mark (?) in place of a correct symbol. Based on the values on the right hand side and the left hand side of the question mark; you have to decide which of the following symbols will come in place of the question mark.

Give answer If in place of question mark (?) following will come
(1) > (greater than)
(2) = (equal to)
(3) < (less than)
(4) \(\geq\) (either greater than or equal to)
(5) \(\leq\) (either lesser than or equal to)

   (1) 25  (2) 277  
   (3) 267  (4) 287 
   (5) None of these

110. \(\left[\frac{546 - (4)^2 + 8}{(15)^2 \times 8 - 1734.55}\right]\)
   (34% of 50)

111. \(\frac{\sqrt{56 + 87} + (12)^2 + 2^{1/2}}{?}\)
   (1) 15 \times 4 + (30)^2 ÷ 1\[
   \left[\sqrt{1764 - 11}\right]
   \pm (5554 - 1585)\]
   (1) \(\frac{7}{12}\)  (2) \(\frac{5}{12}\)  
   (3) \(\frac{3}{4}\)  (4) \(\frac{1}{2}\) 
   (5) None of these

Directions (114–115): What should come in place of the question mark (?) in the following number series?

114. \(43 55 199 209 309 (?\)
   (1) 319  (2) 349  
   (3) 317  (4) 320 
   (5) None of these

115. \(54 141.8 180.2 199.4 209 (?\)
   (1) 225.8  (2) 213.8  
   (3) 228.8  (4) 221.8 
   (5) None of these

116. The area of a square is 9604 sq.cm. The diameter of a circle is equal to half of the side of the square. What will be the circumference of the circle?
   (1) 144 cm  (2) 164 cm  
   (3) 308 cm  (4) 154 cm 
   (5) None of these

117. What will be the value of 26% of \(\frac{1}{15}\) of the sum of the five times of 45 and 2 times of 60 ?
   (1) 5.98  (2) 6.98  
   (3) 3.98  (4) 5.89 
   (5) None of these

118. The sum of the heights of Gita and Rita is equal to 160 cm. The height of Sita is equal to three times the height of Rita. Rita's height is 39 cm. What will be the height of Gita, Sita and Rita altogether?
   (1) 257 cm  (2) 277 cm  
   (3) 267 cm  (4) 287 cm 
   (5) None of these

Directions (119–120): Read the following information to answer the following questions.

Two unbiased dice are thrown simultaneously.

119. What will be the probability that sum of the numbers on the two faces is a composite number?
   (1) \(\frac{7}{12}\)  (2) \(\frac{5}{12}\)  
   (3) \(\frac{3}{4}\)  (4) \(\frac{1}{2}\) 
   (5) None of these

120. What is the probability of getting a doublet?
   (1) \(\frac{1}{3}\)  (2) \(\frac{1}{6}\)  
   (3) \(\frac{1}{4}\)  (4) \(\frac{2}{3}\) 
   (5) None of these
**General Awareness**

121. Which among the following was the theme of the recently concluded 5th BRICS Summit?
   (1) BRICS and Africa
   (2) BRICS and Emerging Challenges
   (3) 5 Plus BRICS
   (4) "Where Do We Stand"
   (5) Facing the Tomorrow Together

122. The abbreviation EMV stands for
   (1) European Marginal Vat
   (2) Expected Monetary Value
   (3) Essential Monthly Voucher
   (4) Europay, MasterCard and Visa
   (5) None of these

123. The Malegam Committee was in the news recently. With which of the following is this committee associated?
   (1) Know Your Customer Rules
   (2) Microfinance
   (3) Targeted Public Distribution system
   (4) Direct Benefit Transfer
   (5) Regulation of self-funded charitable trusts

124. What is the present Statutory Liquidity Ratio for banks in India?
   (1) 12 per cent
   (2) 17.5 per cent
   (3) 23 per cent
   (4) 26 per cent
   (5) 33 per cent

125. Which of the following highway networks of India connects Delhi, Mumbai, Kolkata and Chennai?
   (1) Metro Expressway
   (2) Golden Quadrilateral
   (3) Diamond Triangle
   (4) Golden Crescent
   (5) NH 11

126. Which of the following is not correct regarding the Systemically Important Non-deposit taking NBFCs (NBFC-ND-SIs)?
   (1) They came into being in the wake of the recent global recession
   (2) NBFCs with assets of Rs. 100 crore and above are being classified as NBFC-ND-SIs
   (3) Prudential regulations are applicable to them
   (4) It was created in 2006
   (5) None of these

127. Which of the following is not a Millennium Development Goal as fixed by the United Nations?
   (1) Eradicating extreme poverty and hunger
   (2) Achieving universal primary education
   (3) Developing a global partnership for peace
   (4) Promoting gender equality and empowering women
   (5) Reducing child mortality rates

128. Which of the following is an example of Indirect Tax?
   (1) Wealth Tax
   (2) Corporation Tax
   (3) Value Added Tax
   (4) Estate Tax
   (5) Income tax

129. Who is the author of The Kite Runner?
   (1) Khaled Hosseini
   (2) Honi Werner
   (3) Elham Ehsas
   (4) Parvez Yusuf
   (5) Mazid Mosaidi

130. Where is the headquarters of SWIFT (Society for Worldwide Interbank Financial Telecommunication) located?
   (1) Vienna, Austria
   (2) Brussels, Belgium
   (3) Montreal, Canada
   (4) Durban, South Africa
   (5) Sydney, Australia

131. Who among the following cannot be a partner in a partnership firm?
   (1) Manager of a Hindu Undivided Family
   (2) Another partnership firm
   (3) Non-citizens
   (4) A minor
   (5) Anyone not disqualified by law from entering into a contract

132. What is the maximum loan limit under the revised Credit Linked Capital Subsidy Scheme for technical upgradation by the Government of India?
   (1) Rs. 10 lakh
   (2) Rs. 30 lakh
   (3) Rs. 75 lakh
   (4) Rs. 100 lakh
   (5) Rs. 150 lakh

133. Which of the following is/are correct regarding the functions of the Indian Mortgage Guarantee Corporation?
   (1) It mitigates risk taken by lenders
   (2) It provides mortgage guarantees to banks
   (3) It provides mortgage guarantees to housing finance companies
   (4) It makes easier for people to get access to home loans with lower down payment amounts
   (5) All of the above

134. Which of the following clubs recently won the German Cup 2013?
   (1) Bayern Munich
   (2) Chelsea
   (3) Stuttgart
   (4) Boca Juniors
   (5) Arsenal

135. Which of the following bodies/organizations/institutions celebrated its platinum jubilee in the year 2010?
   (1) Insurance Regulatory and Development Authority
136. Who among the following is, at present, the Prime Minister of Egypt?
(1) Ahmed Shafik
(2) Essam Sharaf
(3) Kamal Ganzouri
(4) Hesham Qandil
(5) Hazem Al Beblawi

137. Which of the following won the Best Film Award at the 2013 IIFA Awards function in Macau?
(1) Kahaani
(2) Paan Singh Tomar
(3) Barfi!
(4) Talaash: The Answer Lies Within
(5) Vicky Donor

138. When did the Eleventh Five Year Plan period end?
(1) 2009
(2) 2010
(3) 2011
(4) 2012
(5) 2013

139. In which year was the first mutual fund set up in India?
(1) 1935
(2) 1949
(3) 1956
(4) 1963
(5) 1969

140. In which form is the Cash Reserve Ratio (CRR) to be maintained with the Reserve Bank of India?
(1) Minimum cash reserves
(2) Gold
(3) Approved Securities
(4) Both 1 and 2
(5) All of the above

141. Against which of the following issues was the 'Occupy Wall Street' not organized?
(1) Social and economic inequality
(2) Greed
(3) Environmental degradation
(4) Corruption
(5) Undue influence of corporations on government

142. Which of the following correctly explains Reverse Merger?
(1) It is the acquisition of a private company by a public company
(2) It is also known as Special Takeover
(3) The privately traded corporation is called a "shell"
(4) It involves the reorganization of capitalization of the acquiring company
(5) All of the above

143. What is the minimum period for which a fixed deposit can be opened in India?
(1) 3 days
(2) 7 days
(3) 15 days
(4) 30 days
(5) 60 days

144. The chief regulator of commodity exchanges in India is
(1) Securities and Exchange Board of India
(2) Reserve Bank of India
(3) Competition Commission of India
(4) Forward Markets Commission
(5) Ministry of Consumer Affairs, Food and Public Distribution

145. Which of the following does not constitute an asset on the Balance Sheet of a company?
(1) Cash
(2) Amounts receivable
(3) Tools and equipment
(4) Capital stock
(5) All of these

146. Ringgit is the currency of
(1) Cambodia
(2) South Korea
(3) Malaysia
(4) Indonesia
(5) Myanmar

147. Which of the following correctly explains the situations of Credit Risk?
(1) A business or consumer does not pay a trade invoice when due
(2) A business does not pay an employee’s earned wages when due
(3) An insolvent insurance company does not pay a policy obligation
(4) A consumer fails to make a payment due on a mortgage
(5) All of these

148. According to a recent Reserve Bank’s Instructions on Banking matters, Banks cannot accept interest free deposits other than in
(1) Demand deposit account
(2) Term deposit account
(3) Current account
(4) Both 1 and 2
(5) None of these

149. Which of the following is correct regarding the Statutory Liquidity ratio (SLR)?
(1) It restricts commercial bank’s leverage in pumping more money into the economy
(2) It is maintained only in form of cash
(3) It controls liquidity in banking system
(4) It does not ensure the solvency of commercial banks
(5) None of these

150. SEBI recently launched a centralized web based complaints redress system. What is the name of this complaint redressal system?
(1) INSTANT
(2) SCORES
(3) QUICK
(4) SATISFACTION
(5) None of these

151. Which of the following types of mutual funds is not marked with BROWN color?
152. Who, at present, is the Chairman of the Economic Advisory Council to the Prime Minister (PEMAC)?

(1) M Govinda Rao  
(2) Saumitra Chaudhary  
(3) Vijay Shankar Vyas  
(4) C. Rangarajan  
(5) Partha Sarathi Shome

153. The Reserve Bank of India recently set a time limit of 7 days for the card issuing banks for re-crediting the customer's account for a failed ATM transaction. What is the compensation that the banks have to pay for delays beyond 7 working days?

(1) Rs. 25 per day  
(2) Rs. 50 per day  
(3) Rs. 100 per day  
(4) Rs. 250 per day  
(5) Rs. 500 per day

154. When the price rise is moderate (is in the range of 3 to 7%) and the annual inflation rate is of a single digit, the type of inflation is called

(1) Creeping Inflation  
(2) Chronic Inflation  
(3) Walking Inflation  
(4) Moderate Inflation  
(5) Running Inflation

155. Which of the following comes under National Income?

(1) Wages from employment and self-employment  
(2) Profits to firms  
(3) Interest to lenders of capital  
(4) Rents to owners of land  
(5) All of the above

156. In which of the following states is the National Dairy Plan not being implemented?

(1) Punjab  
(2) Gujrat  
(3) Uttar Pradesh  
(4) West Bengal  
(5) Madhya Pradesh

157. Which of the following values is considered by a bank when it gives loan against LIC policy?

(1) Face value  
(2) Surrender value  
(3) Insured value  
(4) Both 2 and 3  
(5) All of these

158. Which of the following is a traditional type of open market operations used by the Reserve Bank of India?

(1) Outright purchase  
(2) CRR (Cash reserve ratio)  
(3) SLR (Statutory Liquidity Ratio)  
(4) Repurchase agreement (REPO)  
(5) Both 1 and 4

159. What does 'D' stand for in DBT?

(1) Direct  
(2) Debit  
(3) Devaluation  
(4) Depreciated  
(5) None of these

160. As per a recent report, the Current Account Deficit of India (CAD) hit a record high of 4.8 percent of gross domestic product (GDP). Which of the following methods is not used for financing CAD?

(1) Liberalizing FDI  
(2) Expanding the limits for foreign investment government debt  
(3) Easing restrictions on external commercial borrowing by corporates  
(4) Contracting the limits for foreign investment in corporate debt  
(5) None of these

161. To change selected text to all capital letters, click the change case button, then click

(1) UPPERCASE  
(2) UPPPER ALL  
(3) CAPS LOCK  
(4) Lock Upper  
(5) Large Size

162. A person who used his or her expertise to gain access to other people's computers to get information illegally or do damage is a

(1) hacker  
(2) analyst  
(3) instant messenger  
(4) programmer  
(5) spammer

163. Where are you likely to find an embedded operating system?

(1) on a desktop operating system  
(2) on a networked PC  
(3) on a network server  
(4) on a PDA  
(5) on a mainframe

164. Reusable optical storage will typically have the acronym

(1) CD  
(2) DVD  
(3) ROM  
(4) RW  
(5) ROS

165. An online discussion group that allows direct "live" communication is known as

(1) Webcrawler  
(2) chat group  
(3) regional service provider  
(4) hyperlink  
(5) email

166. Codes consisting of lines of varying widths or lengths that are computer-readable are known as

(1) an ASCII code  
(2) a magnetic tape  
(3) an OCR scanner  
(4) a bar code  
(5) None of these

167. A web site's main page is called its

(1) Home Page  
(2) Browser page  
(3) Search Page  
(4) Bookmark  
(5) None of these

168. Which of the following is a program that uses a variety of different approaches to identify and eliminate spam?

(1) Directory search  
(2) Anti-spam program  
(3) Web server  
(4) Web storefront creation package  
(5) Virus

169. To access properties of an object, the mouse technique to use is

(1) dragging  
(2) dropping
170. Computers use the ___ number system to store data and perform calculations.
   (1) binary  (2) octal  (3) decimal  (4) hexadecimal  (5) None of these

171. ___ are attempts by individuals to obtain confidential information from you by falsifying their identity.
   (1) Phishing trips  (2) Computer viruses  (3) Spyware scams  (4) Viruses  (5) Phishing scams

172. Why is it unethical to share copyrighted files with your friends?
   (1) It is not unethical, because it is legal.
   (2) It is unethical because the files are being given for free.
   (3) Sharing copyrighted files without permission breaks copyright law.
   (4) It is not unethical because the files are being given for free.
   (5) It is not unethical - anyone can access a computer

173. Which of the following can be used to select the entire document?
   (1) CTRL + A  (2) ALT + F5  (3) SHIFT + A  (4) CTRL + K  (5) CTRL + H

174. The system unit —
   (1) coordinates input and output devices
   (2) is the container that houses electronic components
   (3) is a combination of hardware and software
   (4) controls and manipulates data
   (5) does the arithmetic operations

175. The simultaneous processing of two or more programs by multiple processors is ___
   (1) multiprogramming  (2) multitasking  (3) time-sharing  (4) multiprocessing  (5) None of these

176. A disk's content that is recorded at the time of manufacture and that cannot be changed or erased by the user is ___
   (1) memory-only  (2) write-only  (3) once-only  (4) run-only  (5) read-only

177. What is the permanent memory built into your computer called?
   (1) RAM  (2) Floppy  (3) CPU  (4) CD-ROM  (5) ROM

178. The default view in Excel is ___
   (1) Work  (2) Auto  (3) Normal  (4) Roman  (5) None of these

179. System software —
   (1) allows the user to diagnose and troubleshoot the device
   (2) is a programming language
   (3) is part of a productivity suite
   (4) is an optional form of software
   (5) helps the computer manage internal resources

180. In Word you can force a page break ___
   (1) By positioning your cursor at the appropriate place and pressing the F1 key
   (2) By positioning your cursor at the appropriate place and pressing Ctrl+Enter
   (3) By using the Insert/Section Break
   (4) By changing the font size of your document
   (5) None of these

181. Grouping and processing all of a firm's transactions at one time is called ___
   (1) a database management system
   (2) batch processing
   (3) a real-time system
   (4) an on-line system
   (5) None of these

182. Help Menu is available at which button?
   (1) End  (2) Start  (3) Turnoff  (4) Restart  (5) Reboot

183. You can keep your personal files/folders in ___
   (1) My folder
   (2) My Documents
   (3) My Files
   (4) My Text
   (5) None of these

184. A central computer that holds collections of data and programs for many PCs, workstations, and other computers is a(n) ___
   (1) supercomputer
   (2) minicomputer
   (3) laptop
   (4) server
   (5) None of these

185. When you save to this, your data will remain intact even when the computer is turned off.
   (1) RAM

186. The ___ folder retains copies of messages that you have started but are not yet ready to send.
   (1) Drafts  (2) Outbox  (3) Address Book  (4) Sent Items  (5) Inbox

187. You can ___ a search by providing more information the search engine can use to select a smaller, more useful set of results.
   (1) refine  (2) expand  (3) load  (4) query  (5) slowdown

188. The contents of ___ are lost when the computer turns off.
   (1) storage  (2) input  (3) output  (4) memory  (5) None of these

189. The ___ enables you to simultaneously keep multiple Web pages open in one browser window.
   (1) tab box  (2) pop-up helper  (3) tab row  (4) address bar  (5) Esc key

190. A DVD is an example of a(n) ___
   (1) hard disk  (2) optical disc  (3) output device  (4) solid-state storage device  (5) None of these

191. The basic unit of a worksheet into which you enter data in Excel is called a ___
   (1) tab  (2) cell  (3) box  (4) range  (5) None of these

192. ___ is the process of dividing the disk into tracks and sectors.
   (1) Tracking  (2) Formatting  (3) Crashing  (4) Allotting  (5) None of these

193. Which ports connect special types of music instruments to sound cards?
   (1) BUS  (2) CPU  (3) USB  (4) MIDI  (5) MINI

194. The process of transferring files from a computer on the Internet to your computer is called ___
   (1) downloading  (2) uploading  (3) FTP  (4) JPEG  (5) downsizing

195. Computer and communication technologies, such as communication links to the Internet that provide help and understanding to the end user is known as ___
   (1) presentation file
(2) information technology
(3) program
(4) worksheet file
(5) FTP

196. Which of the following is contained on chips connected to the system board and is a holding area for data instructions and information? (processed data waiting to be output to secondary storage)

(1) program
(2) mouse
(3) Internet
(4) memory
(5) modem

197. To reload a Web page, press the _____ button.

(1) Redo
(2) Reload
(3) Restore
(4) Ctrl
(5) Refresh

198. Mobile Commerce is best described as -

(1) The use of Kiosks in marketing
(2) Transporting products
(3) Buying and selling goods/services through wireless handheld devices
(4) Using notebook PCs in marketing
(5) None of these

199. Video processors consist of _____ and _____, which store and process images.

(1) CPU and VGA
(2) CPU and memory
(3) VGA and memory
(4) VGI and DVI
(5) None of these

200. The main circuit board of the system unit is the -

(1) computer program
(2) control unit
(3) motherboard
(4) RAM
(5) None of these