RBI Assistants Exam

Held in April 2012

Solved Question paper (with explanations)

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REASONING

1. How many meaningful English words, can be formed with the letters PCYO using all the letters but each letter only once in each word?
   - (1) None
   - (2) One
   - (3) Two
   - (4) Three
   - (5) More than three

2. The positions of first and the fifth letters of the word SUITABLE are interchanged, similarly, the positions of second and sixth letters, third and seventh letters and fourth and eighth letters are interchanged. In the new arrangement how many letters are there in the English alphabetical series between the alphabet which is third from the left end and the alphabet which is second from the right end?
   - (1) None
   - (2) One
   - (3) Two
   - (4) Four
   - (5) More than four

Directions (3-4) : Read the following information carefully and answer the questions which follow:

Among A, B, C, D and E each scored different marks in an examination. Only one person scored more than C. E scored more than A but less than D. D did not score the highest marks. The one who scored the second lowest, scored 71% marks. C scored 92% marks.

3. Who amongst the following is most likely to have scored 87% marks?
   - (1) A
   - (2) B
   - (3) D
   - (4) E
   - (5) Either A or D

4. Which of the following percentages is most likely to be B's percentage in the exam?
   - (1) 68%
   - (2) 71%
   - (3) 84%
   - (4) 76%
   - (5) 97%

Directions (5-7) : The following questions are based upon the alphabetical series given below:

M J L I T Q S R K U F H C B D E A V P O G N

5. What will come in place of question (?) mark in the following series based on the above alphabetical series?

   N   PO   BDE   ?
   - (1) UKR
   - (2) SRKU
   - (3) RKUF
   - (4) QSRK
   - (5) FUK

6. If in a certain code 'BIND' is coded as 'CLGB' and 'HELD' is coded as 'FDJB' based on the series given above, how will 'FORK' be coded in the same code language?
   - (1) HGKU
   - (2) UPKR
   - (3) KPSR
   - (4) UPSR
   - (5) UGSR

7. 'HC' is related to 'KQ' in a certain way. Similarly 'OG' is related to 'AB' in the same way. To which of the following is "RK" related to following the same pattern?
   - (1) TJ
   - (2) SI
   - (3) TI
   - (4) HD
   - (5) IM

8. Each vowel of the word SAVOURY 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 alphabetic order (from left to right), which of the following will be fifth from the right?
   - (1) U
   - (2) R
   - (3) Q
   - (4) P
   - (5) X

9. How many such pairs of letters are there in the word PACKETS, 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

10. Point P is 10m to the West of Point A. Point B is 2m to the South of Point P. Point Q is 6m to the East of Point B. Point C is 2m to the North of Point Q. Which of the following three points fall in a straight line?
    - (1) A, C, P
    - (2) B, C, P
    - (3) Q, C, A
    - (4) A, B, Q
    - (5) A, B, C

Directions (11-15) : 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.

11. **Statement :**
    $H \geq I = J > K \leq L$
    Conclusions: I. $K < H$
    II. $L \geq I$

12. **Statement :**
    $S > C \geq O; P < C$
    Conclusions : I. $O < P$
    II. $S > P$

13. **Statement :**
    $A = B \leq C; A > R$
    Conclusions : I. $B > R$
    II. $R < C$

14. **Statement :**
    $D > E \leq F; J < F$
    Conclusions : I. $D > J$
    II. $E < J$

15. **Statement :**
    $P < Q > T; R \geq Q$
    Conclusions : I. $R > P$
    II. $T < R$

Directions (16-20) : Study the following information to answer the given questions :

Eight people are sitting in two parallel rows containing four people each, in such a way that there is a equal distance between adjacent per

sons. In row-1 A, B, C and D are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order)and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

S sits second to left of Q. A faces the immediate neighbour of S. Only one person sits between A and C. P does not face A . B is not an immediate neighbour of A.

16. Which of the following is true regarding D ?
    (1) D sits at one of the extreme extreme ends of the line
    (2) A sits to immediate left of D
    (3) Q faces D
    (4) C is an immediate neighbour of D
    (5) No immediate neighbour of D faces R

17. Who amongst the following faces C ?
    (1) P   (2) Q
    (3) R   (4) S
    (5) Cannot be determined

18. Who amongst the following sits to the immediate right of the person who faces C?
    (1) P   (2) Q
    (3) R   (4) S
    (5) Cannot be determined

19. Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to that group?
    (1) A   (2) Q
    (3) R   (4) B
    (5) S

20. Who amongst the following faces R ?
    (1) A   (2) B
    (3) C   (4) D
    (5) Cannot be determined

Directions (21-26) : Study the following information to answer the given questions :
    'time and money' is written as 'ma jo ki'
    'manage time well' is written as 'pa ru jo'
    'earn more money' is written as 'zi ha ma' and
    'earn well enough' is written as 'si ru ha'.

21. What is the code for 'earn' ?
    (1) si   (2) ru
    (3) ha   (4) ma
    (5) Cannot be determined

22. Which of the following represents 'more time' ?
    (1) pa jo   (2) zi ki
    (3) ma ki   (4) si jo
    (5) jo zi

23. What is the code for 'manage'?
    (1) ru   (2) pa
    (3) jo   (4) ha
    (5) Either 'jo' or 'ru'

24. Which of the following may respresent 'money matters' ?
    (1) ki to   (2) ma pa
    (3) fi ma   (4) ha ma
    (5) ma jo

25. What does 'ru' stand for ?
    (1) well   (2) manage
    (3) time   (4) enough
    (5) Either 'time' or 'enough'

26. Which of the following may represent 'good enough' ?
    (1) ru si   (2) da ha
    (3) si pa   (4) si da
    (5) ki ru

Directions (27-33) : Study the following information carefully and answer the given questions.

Eight friends A, B, C, D, E, F, G and H are sitting around a circle facing the centre, but not necessarily in the same order.

• D sits third to left of A. A is an immediate neighbour of both F and H.
• Only one person sits between C and F.
• B is not an immediate neighbour of D.
• Only one person sits between B and G.

27. A is related to G in a certain way. Similarly C is related to H in the same way following the given seating arrangement. To whom amongst the following is F related following the same pattern ?
    (1) A   (2) B
    (3) C   (4) D
    (5) E

28. Who amongst the following sits second to the right of C ?
    (1) F   (2) A
    (3) D   (4) G
    (5) H

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

30. Which of the following is true with respect to the given seating arrangement ?
    (1) A sits to the immediate left of H
    (2) B sits exactly between C and G
    (3) F sits second to right of C
    (4) E is an immediate neighbour of C
    (5) None of these

31. Which of the following pairs represents the immediate neighbours of G ?
    (1) A, C   (2) C, D
    (3) D, H   (4) D, E
    (5) C, F

32. Who amongst the following sits exactly between C and F?
    (1) A   (2) D
    (3) G   (4) H
    (5) B

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

Directions (34-37) : In each question below are two 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.

34. Statements:
All exams are tests.
No test is a question.
Conclusions:
I. Atleast some exams are questions.
II. No exam is a question

35. Statements:
No bangle is an earring.
Some earrings are rings.
Conclusions:
I. No ring is a bangle.
II. Some rings are definitely not earrings.

36. Statements:
Some banks are colleges.
All colleges are schools.
Conclusions:
I. Atleast some banks are schools.
II. All schools are colleges.

37. Statements:
All rivers are lakes.
All lakes are oceans.
Conclusions:
I. All rivers are oceans
II. Atleast some oceans are lakes

Direction (38—40) 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 neither in the Statement I nor II are sufficient to answer the question

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

38. On which date of the month was Parul born?
I. Her mother correctly remembers that she was born after 15th but before 21st of April.
II. Her father correctly remembers that she was born after 18th but before 24th of April.

39. How many brothers does Meghna have ? (Meghna is a girl)
I. Kishore, the father or Meghna, is the only child of Kamal. Kamal has only two grand children.
II. Jyoti, the daughter-in-law of Kamal has a son and a daughter.

40. Among P, Q, R, S and T sitting in a straight line, facing North, who sits exactly in the middle of the line ?
I. S sits third to left of Q. S is an immediate neighbour of both P and T.
II. Two people sit between T and R. R does not sit at any of the extreme ends. P sits second to right of T.

ENGLISH LANGUAGE

Directions (41-45): Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

41. The government is planning to set _____ family welfare centres for slums in cities.
(1) another   (2) with
(3) for   (4) in
(5) up

42. Economic independence and education have _____ women more assertive.
(1) prepared   (2) made
(3) marked   (4) resulted
(5) adjusted

43. In the modern world the _____ of change and scientific innovation is unusually rapid.
(1) supplies   (2) context
(3) pace   (3) fantasy
(5) requirement

44. The unprecendented economic growth of China has _____ worldwide attention.
(1) perceived   (2) proposed
(3) neither   (4) astonished
(5) attracted

45. Each business activity _____ employment to people who would otherwise be unemployed.
(1) taking   (2) finds
(3) creates   (4) provides
(5) given

Directions (46-55) : Read the following passage carefully and answer the questions given below it. Certain words have been printed in **bold** to help you locate them while answering some of the questions.

The importance of communication skills cannot be underestimated especially so in the teaching - learning process. Teaching is generally considered as only fifty percent knowledge and fifty percent interpersonal or communication skills. For a teacher, it is not just important to give a lecture rich in content that provides **abundant** information about the subject or topic in question, but a successful teacher develops an **affinity** with, an understanding of and a harmonious interrelationship with her pupils. Building rapport becomes her primary task in the classroom. But what exactly is rapport ? Rapport is a sympathetic relationship or understanding that allows you to look at the world from someone else's perspective. Making other people feel that you understand them creates a strong bond. Building rapport is the first step to better communication- the primary goal of all true educators. Communication skills for teachers are thus as important as their in-depth knowledge of the particular subject which they teach. To a surprising **degree**, how one communicates determines one's effectiveness as a teacher. A study on communication styles suggests that 7% of communication takes place through words, 38% through voice intonation and 55% through body language.

Much of teaching is about sending and receiving messages. The process of communication is composed of three elements: the source (sender, speaker, transmitter or instructor), the symbols used in the composing and transmitting of the message (words or signs), and the receiver (listener, reader, or student). The three elements are dynamically interrelated since each element is dependent on the others for effective communication to take place. Effective communication is all about conveying your message to the other people clearly and unambiguously. It's also about receiving information the others are sending to you, with as little distortion as possible. Doing this involves effort from both the sender and the receiver. And it's a process that can be fraught with error, with messages **muddled** by the sender, or mis-

interpreted by the recipient. When this isn't detected it can cause tremendous confusion, wasted effort and missed opportunity.

Good communication skills are a prerequisite for those in the teaching profession. Carefully planned and skillfully delivered messages can issue invitations to students that school is a place to share ideas, investigate, and collaborate with others. Effective communication is essential for a well-run classroom. A teacher, who is able to communicate well with students, can inspire them to learn and participate in class and encourage them to come forth with their views thus creating a proper rapport. Although this **sounds** simple and obvious, it requires much more than a teacher saying something out loud to a student. They must also realise that all students have different levels of strengths and weaknesses.

Directions (46-47) : Choose the word which is **MOST OPPOSITE** in **MEANING** to the word/s printed in **bold** as used in the passage.

46. ABUNDANT
(1) Small   (2) Little
(3) False   (4) Sufficient
(5) Rare

47. MUDDLED
(1) Skillfully organised
(2) Strongly controlled
(3) Clearly conveyed
(4) Isolated
(5) Complicated

Directions (48-50) : Choose the word which is **MOST SIMILAR** in **MEANING** to the words printed in **bold** as used in the passage.

48. SOUNDS
(1) Seems   (2) Corrects
(3) Noises   (4) Takes
(5) Silences

49. AFFINITY
(1) Partnership
(2) Partiality   (3) Weakness
(4) Compatibility
(5) Discord

50. DEGREE
(1) Extent   (2) Goal
(3) Affect   (4) Situation
(5) Direction

51. Which of the following are essential for effective communication ?
(A) Conveying the message clearly
(B) Not to waste effort and opportunity.

(C) Receiving the information with as little distortion as possible.
(1) Only (A) and (C)
(2) Only (B)
(3) Only (A)
(4) Only (C)
(5) Only (B) and (C)

52. Which of the following is true about Rapport as per the passage ?
(A) It is a sympathetic relationship.
(B) It is based on understanding of other people's frame of reference.
(C) It helps in creating a strong bond.
(D) It is important for teachers to build rapport with students.
(1) Only (A) and (B)
(2) Only (B) and (D)
(3) Only (A), (B) and (D)
(4) Only (A), (B) and (C)
(5) All are true

53. Which of the following must the teachers keep in mind to facilitate learning in students as per the passage ?
(1) To control the students such that they do not share ideas with others within the lecture hours.
(2) To maintain rapport with students and compromise on the course content.
(3) To realise that all students have different levels of strengths and weaknesses.
(4) Only to keep the lecture rich in course content.
(5) To ensure that students adhere to her views only.

54. Which of the following are the three elements of communication as per the passage ?
(1) Source, Signs and Students
(2) Source, Sender and Speaker
(3) Signs, Words and Students
(4) Instructor, Listener and Reader
(5) Transmitter, Student and Receiver

55. Which of the following is the finding of a study on communication styles ?
(1) The body language and gestures account for 38% of communication and outweighs the voice intonation.

(2) Only 9% communication is about content whereas the rest is about our tone and body language.
(3) The tone of our voice accounts for 55% of what we communicate and outweighs the body language.
(4) More than 90% of our communication is not about content but about our tone and body language.
(5) Teaching is fifty percent knowledge and fifty percent interpersonal or communication skills.

Directions (56-65) : 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 is the answer. If there is 'No error', the answer is (5). (Ignore the errors of punctuation, if any)

56. The economic disparity (1)/ has grown rapid in (2)/ the era of globalisation (3)/ and free market forces. (4)/ No error (5)

57. Research shows that people (1)/ is more sensitive to perceiving (2)/ messages that are consistent (3)/ with their opinions and attitudes.(4)/ No error (5)

58. Many poverty alleviation schemes (1)/ are not applicable of (2)/ slum dwellers in metro cities (3)/ as they are above the poverty line.(4)/ No error (5)

59. Rather than considering its (1)/ human capital as a drain on (2)/ resources, India needs to (3)/ resource develop its into a huge.(4)/ No error (5)

60. The European nations have (1)/ become one of the (2)/ favourite destinations of the Indian students (3)/ seek specialised knowledge and training.(4) No error (5)

61. If a credit card bill (1)/ is paid in full and (2)/ on time, none finance (3)/ charges are levied.(4)/ No error (5)

62. Training have a (1)/ positive effect on (2)/ development of various (3)/ skills and abilities.(4) No error (5)

63. Lack of ability to (1)/ read or write is just one of (2)/ the all barriers that keep (3)/ the poor people under developed.(4)/ No error (5)

64. Science and technology have (1)/ become dominant factors (2)/ affecting our economic, cultural (3)/ and spiritual development.(4)/ No error (5)
65. A social business sells products (1)/ at prices that make it self-sustaining, pays (2)/ no dividends and reinvestment (3)/ the profits in the business.(4)/ No error (5)

Directions (66-75) : 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 blank appropriately. Find out the appropriate word in each case.

The latest technology **(66)** put to use or about to arrive in market must be **(67)** to all entrepreneurs. The reason is that it may have an **(68)** effect on business. Valve radios gave way to transistor radios and with micro chips, technology is giving way to digital equipment. Business has **(69)** the same but the technology has kept changing. A notable feature is that the size of the receivers decreased **(70)** so did the use of its material and consequently its price. The traditional flour mills are losing business **(71)** customers now buy flour **(72)** from the market. As a result of this, the business is **(73)**. Following the same lines as technology, the social trends also go on changing and influence the market. The Indian sarees are being taken **(74)** by readymade stitched clothes. Every entrepreneur must note such changes in the environment and also the technology and plan in **(75)** with these to ensure the success of his endeavour.

66. (1) to   (2) needed
    (3) decided (4) besides
    (5) being
67. (1) hoped   (2) welcome
    (3) released (4) known
    (5) aware
68. (1) approximate
    (2) huge   (3) uniform
    (4) excellence
    (5) enormous
69. (1) maintained
    (2) remained (3) often
    (4) mentioned
    (5) become
70. (1) mainly   (2) and
    (3) how   (4) also
    (5) some

71. (1) reason   (2) due
    (3) young   (4) as
    (5) old
72. (1) knowingly (2) ease
    (3) cheap   (4) directly
    (5) forcefully
73. (1) shrinking (2) blooming
    (3) returned (4) same
    (5) small
74. (1) against (2) to
    (3) over   (4) up
    (5) for
75. (1) lines   (2) relativity
    (3) accordance (4) proper
    (5) toning

Directions (76-80) : Rearrange the following five sentences (A), (B), (C), (D) and (E) in a proper sequence so as to form a meaningful paragraph, and then answer the questions given below :

(A) Understandably, the newly married woman herself wants to spend more time with the family.
(B) They also worry that she might not be able to defend herself in case of trouble.
(C) Once married, the in-laws exert a lot of pressure for similar cause of security.
(D) Initially the family does not want the "decent" girl going all around.
(E) Retaining female workers at door - to - door sales jobs is just as hard as ever.

76. Which of the following should be the **SECOND** sentence ?
    (1) E   (2) B
    (3) D   (4) C
    (5) A
77. Which of the following should be the **FOURTH** sentence ?
    (1) A   (2) C
    (3) D   (4) B
    (5) E
78. Which of the following should be the **FIRST** sentence ?
    (1) D   (2) B
    (3) C   (4) E
    (5) A
79. Which of the following should be the **THIRD** sentence ?
    (1) C   (2) A
    (3) E   (4) D
    (5) B
80. Which of the following should be the **LAST (FIFTH)** sentence?
    (1) B   (2) D
    (3) C   (4) A
    (5) E

NUMERICAL ABILITY

Directions (81-95) : What should come in place of the question mark (?) in the following questions ?

81. $? \div 0.5 \times 24 = 5652$
    (1) 171.75 (2) 117.25
    (3) 171.25 (4) 117.75
    (5) None of these
82. $5 \times ? = 4808 \div 8$
    (1) 122.2   (2) 112.2
    (3) 120.2   (4) 102.2
    (5) None of these
83. 65% of 654 – ? % of 860 = 210.1
    (1) 25   (2) 15
    (3) 20   (4) 30
    (5) None of these
84. $35154 - 20465 - 5201 = ?$
    (1) 9488   (2) 9844
    (3) 9484   (4) 9848
    (5) None of these
85. $\frac{8}{13} \div \frac{192}{559} = ?$
    (1) $1\frac{19}{24}$ (2) $4\frac{19}{28}$
    (3) $2\frac{17}{28}$ (4) $3\frac{17}{28}$
    (5) None of these
86. $243 \times 124 - 25340 = ?$
    (1) 4729   (2) 4792
    (3) 4972   (4) 4927
    (5) None of these
87. $92 \div 8 \div 2 = ?$
    (1) 4.75   (2) 5.75
    (3) 4.25   (4) 5.25
    (5) None of these
88. $(121)^3 \times 11 \div (1331)^2 = (11)^?$
    (1) 3   (2) 2
    (3) 1   (4) 0
    (5) None of these
89. $283.56 + 142.04 + 661.78 = ?$
    (1) 1084.28 (2) 1087.28
    (3) 1080.38 (4) 1082.48
    (5) None of these
90. $7028 \div 25 = ?$
    (1) 218.12 (2) 281.21
    (3) 218.21 (4) 282.12
    (5) None of these
91. $390.5 \times \sqrt{?} = 284 \times 22$
    (1) $(256)^2$ (2) 16
    (3) $\sqrt{16}$ (4) 256
    (5) None of these

92. 12.5 × 8.4 × 7.6 = ?
(1) 787   (2) 788
(3) 799   (4) 789
(5) None of these

93. 4477 ÷ (44 × 5.5) = ?
(1) 24.5   (2) 21.5
(3) 16.5   (4) 18.5
(5) None of these

94. 33.5% of 250 = ?
(1) 76.25   (2) 82.25
(3) 78.75   (4) 83.75
(5) None of these

95. $\frac{1}{2}$ of $\frac{3}{5}$ of $\frac{4}{9}$ of 5820 = ?

(1) 766   (2) 777
(3) 776   (4) 767
(5) None of these

96. 12 men alone can complete a piece of work in 6 days. whereas 10 men and 21 women together take 3 days to complete the same piece of work. In how many days can 12 women alone complete the piece of work ?
(1) 10   (2) 9
(3) 11   (4) 8
(5) None of these

97. The owner of an electronic store charges his customer 11% more than the cost price. If a customer paid ₹1,33,200 for an LED T.V., then what was the original price of the T.V. ?
(1) ₹ 1,20,000
(2) ₹ 1,14,500
(3) ₹ 1,22,500
(4) ₹ 1,18,000
(5) None of these

98. The average age of a woman and her daughter is 19 years. The ratio of their ages is 16 : 3 respectively. What is the daughter's age ?
(1) 9 years   (2) 3 years
(3) 12 years   (4) 6 years
(5) None of these

99. If the fractions $\frac{3}{5}, \frac{1}{4}, \frac{5}{6}, \frac{7}{9}$

and $\frac{8}{11}$ are arranged in ascending order of their values, which one will be the third ?

(1) $\frac{5}{6}$ (2) $\frac{3}{5}$

(3) $\frac{7}{9}$ (4) $\frac{8}{11}$

(5) None of these

100. A car covers a certain distance in 3 hours at the speed of 124 kms./hr. What is the average speed of a truck which travels a distance of 120 kms less than the car in the same time?
(1) 88 kms./hr.
(2) 84 kms./hr.
(3) 78 kms./hr.
(4) 73 kms./hr.
(5) None of these

101. The cost of 4 Calculators and 2 Stencils is ₹6,200. What is the cost of 10 Calculators and 5 Stencils ?
(1) ₹ 15,500   (2) ₹ 14,875
(3) ₹ 16,200
(4) Cannot be determined
(5) None of these

102. Find the average of the following set of scores :
214, 351, 109, 333, 752, 614, 456, 547
(1) 482   (2) 428
(3) 444   (4) 424
(5) None of these

103. The average of four consecutive odd numbers A, B, C and D respectively is 54. What is the product of A and C?
(1) 2907   (2) 2805
(3) 2703   (4) 2915
(5) None of these

104. The sum of 55% of a number and 40% of the same number is 180.5. What is 80% of that number ?
(1) 134   (2) 152
(3) 148   (4) 166
(5) None of these

105. There are 950 employees in an organization, out of which 28% got promoted. How many employees got promoted ?
(1) 226   (2) 256
(3) 266   (4) 216
(5) None of these

106. What is the **least** number to be added to 3000 to make it a perfect square ?
(1) 191   (2) 136
(3) 25   (4) 84
(5) None of these

107. What would be the compound interest obtained on an amount of ₹ 7,640 at the rate of 15 p.c.p.a. after two years ?
(1) ₹ 2,634.9   (2) ₹ 2,643.9
(3) ₹ 2,364.9   (4) ₹ 2.463.9
(5) None of these

108. In an examination it is required to get 65% of the aggregate marks to pass. A student gets 847 marks and is declared failed by 10% marks. What are the **maximum** aggregate marks a student can get ?
(1) 1450
(2) 1640
(3) 1500
(4) Cannot be determined
(5) None of these

109. A juice centre requires 35 dozen guavas for 28 days. How many dozen guavas will it require for 36 days ?
(1) 50   (2) 52
(3) 40   (4) 45
(5) None of these

110. Mohan sold an item for ₹ 4.510 and incurred a loss of 45%. At what price should he have sold the item to have gained a profit of 45% ?
(1) ₹ 10,900
(2) ₹ 12,620
(3) ₹ 11,890
(4) Cannot be determined
(5) None of these

111. What will come in place of both the question marks (?) in the following question ?

$$\frac{(?)^{1.5}}{288} = \frac{6}{(?)^{1.5}}$$

(1) 6   (2) 12
(3) 7   (4) 14
(5) None of these

112. What would be the circumference of a circle whose area is 745.36 sq.cm ?
(1) 94.4 cm   (2) 88.8 cm
(3) 96.8 cm   (4) 87.4 cm
(5) None of these

Directions (113-115) : What will come in place of the question mark (?) in the following number series?

113. 5   15   35   75   155   (?)
(1) 295   (2) 315
(3) 275   (4) 305
(5) None of these

114. 3 6 18 72 360 (?)
(1) 2160   (2) 1800
(3) 2520   (4) 1440
(5) None of these

115. 688 472 347 283 256 (?)
(1) 236   (2) 229
(3) 255   (4) 248
(5) None of these

Directions (116-120) : In each of these questions an equation is given with a question mark (?) in place of the correct figure on the right hand side which satisfies the eqality. Based on the values on the left hand side and the symbol of equality given, you have to decide which of the following figures will satisfy the equality and thus come in place of the question mark.

Symbols stand for

$>$ (greater than)

$=$ (equal to)

$<$ (lesser than)

$\geq$ (either greater than or equal to)

$\leq$ (either lesser than or equal to)

116. $-[(92 \div 184) \times 1.5] < (?)$
(1) −0.7   (2) −0.753
(3) −0.8   (4) −0.75
(5) −0.82

117. $[(84 - (3)^2) \times 10] > (?)$
(1) $\left(\sqrt{784}\right)^2$ (2) $(28)^2$
(3) 750   (4) 751.5
(5) 749.9

118. $[85 - (58 - 76)] \geq (?)$
(1) −103   (2) $\sqrt{103}$
(3) ± 51.5   (4) $(51.5)^2$
(5) ± 103

119. $-\left[\left\{\sqrt{324} - \sqrt{256}\right\} \times -4.5\right] = (?)$
(1) −7   (2) 8
(3) −8   (4) 9
(5) −9

120. $\pm [(81 \div 6) + (45 \div 2)] \leq (?)$
(1) $\sqrt{36}$ (2) $-\sqrt{1296}$
(3) $\sqrt{1296}$ (4) −36
(5) 1296

GENERAL AWARENESS

121. USA has asked India to reduce its dependence on crude oil supply from which of the following countries which is also a member of the OPEC ?
(1) Venezuela   (2) Iraq
(3) Libya   (4) Iran
(5) Nigeria

122. Which of the following is the most essential financial service which should be provided to the poor people to bring them in the network of financial inclusion ?
(1) Insurance for life
(2) Investment plan for future
(3) Pension for old age
(4) A bank account where he/she can save small amount
(5) Health insurance for minor illnesses and hospitalization in case of need

123. Who among the following is the President of a country at present?
(1) Rupert Murdoch
(2) Ban ki-moon
(3) Yoshihiko Noda
(4) Nicolas Sarkozy
(5) None of these

124. What does the letter F denote in 'NBFCs' a term seen very frequently in Banking world these days ?
(1) Formal   (2) Fiscal
(3) Federal   (4) Functional
(5) Financial

125. Who among the following is a Deputy Governor of the RBI at present ?
(1) Sri Sunil Mitra
(2) Sri Azim Premji
(3) Sri H. R. Khan
(4) Mrs. Sushma Nath
(5) None of these

126. Standard and Poor's is a Credit Rating Agency of international repute. Which of the following is one such agency of Indian origin?
(1) IBA   (2) BASEL
(3) SEBI   (4) IRDA
(5) CRISIL

127. Who among the following is the Chief Minister of Uttar Pradesh at present ?
(1) Akhilesh Yadav
(2) Mulayam Singh Yadav
(3) Mayawati   (4) Amar Singh
(5) None of these

128. Coin of which of the following denominations is called Small Coin ?
(1) ₹ 1   (2) ₹ 2
(3) ₹ 5   (4) 50 paisa
(5) ₹ 10

129. Which of the following is NOT a Highlight of the Union Budget 2012-13 ?
(1) No change in rate of Corporate Tax
(2) All types of loans upto ₹35 lacs will be given on 6% interest only
(3) Service Tax raised from 10% to 12%
(4) Fiscal Deficit is targeted at 5.1% of GDP
(5) Substantial increase in Defence Budget

130. Which of the following services/products of banks is specially designed and launched to help students ?
(1) Personal loan
(2) Corporate loan
(3) Business loan
(4) Medical loan
(5) Education loan

131. Which of the following terms is NOT directly associated with the functioning of RBI ?
(1) Open Market Operations
(2) Cash Reserve Ratio
(3) SENSEX
(4) Liquidity Adjustment Facility
(5) Public Debt Office

132. Which of the following is one of the major activities of the National Bank for Agriculture and Rural Development (NABARD) ?
(1) On-site inspection of Cooperative Banks and Regional Rural Banks (RRBs)
(2) Helping Government of India in preparing Union Budget and presetning it in the Cabinet Meeting
(3) Acting as custodian of the foreign exchange reserves of the country
(4) Deciding rate of interest on Saving Bank Accounts in Publich Sector Banks
(5) Representing India in World Bank and other such agencies

133. Dipika who won Crocodile Challenge Cup Finals, played in December 2011, is a famous
    (1) Badmintor player
    (2) Table Tennis player
    (3) Lawn Tennis player
    (4) Chess player
    (5) Squash player

134. Who among the following is the recipient of Nobel Prize in Literature given in 2011 ?
    (1) Bruce A Beutler
    (2) V.S. Naipual
    (3) Tomas Transtromer
    (4) Ralph M. Steinman
    (5) Chetan Bhagat

135. The 59th National Film Award for Best Actress was given to
    (1) Vidya Balan
    (2) Kareena Kapoor
    (3) Priyanka Chopra
    (4) Lara Dutta
    (5) Roopa Ganguly

136. Which of the following is the abbreviated name of the body/agency set up to boost foreign investments in India ?
    (1) FOREX   (2) FCCB
    (3) FIPB   (4) FEMA
    (5) AITAF

137. Performance of which of the following is NOT considered infrastructural sector of economy ?
    (1) Electricity
    (2) Textile Sector
    (3) Telecom   (4) Cement
    (5) Road and Railways

138. Sachin Tendulkar made his 100th century in the match played between India and ....
    (1) Pakistan   (2) England
    (3) Australia   (4) Bangladesh
    (5) Sri Lanka

139. Who amongst the following was awarded Padma Vibhushan in 2012?
    (1) T.V. Rajeswar
    (2) Aruna Irani
    (3) A.R. Rehman
    (4) Shabana Azmi
    (5) Anup Jalota

140. Which of the following countries is a member of BRICS ?
    (1) Bhutan   (2) Iran
    (3) Romania   (4) Sudan
    (5) South Africa

141. Which of the following countries recently placed its first Spacelab 'Tiangong -1' into orbit ?
    (1) North Korea
    (2) Japan   (3) India
    (4) France   (5) China

142. Who among the following is the Solicitor - General of India at present ?
    (1) Jacob Mathew
    (2) Rohinton Nariman
    (3) Gopal Subramaniam
    (4) Ashok Chawla
    (5) None of these

143. Which of the following schemes is launched by the Government of Inda to motivate school children to attend school regularly ?
    (1) Kutir Jyoti
    (2) Mid-Day-Meal
    (3) MGNREGA
    (4) RAY
    (5) Bharat Nirman

144. As per the news published in various newspapers, Government is planning to set up a Regulatory Body in educational field specially for ....
    (1) Higher Education
    (2) Medical Education
    (3) Elementary Education
    (4) Secondary Education
    (5) Adult Education

145. Which of the following countries is selected as a host of Common Wealth Games - 2018?
    (1) India   (2) Australia
    (3) Pakistan   (4) South Africa
    (5) Sri Lanka

146. France has agreed to supply 'Rafale' to India. The deal is about the supply of ....
    (1) Warships
    (2) RADAR system
    (3) Fighter Aircrafts
    (4) Nuclear Reactors
    (5) Submarines

147. 'Seychelles', where China is going to set up its new military base, is a country in ....
    (1) Bay of Bengal
    (2) China Sea
    (3) Indian Ocean
    (4) Red Sea
    (5) Caspian Sea

148. Which of the following terms is used in the field of economics ?
    (1) Absolute Zero

    (2) Molecular Equation
    (3) Zero Point Energy
    (4) Balance of Payment
    (5) Mass Defect

149. 'Kyoto Protocol', an agreement signed by various countries, is associated with the field of ....
    (1) International trade
    (2) Clean environment and climate change
    (3) Currency swap
    (4) Deep sea mining and oil exploration
    (5) Building a common food stock to save mankind in case of any natural calamity

150. World's AIDS Day is observed on which of the following days?
    (1) 1st December
    (2) 1st March
    (3) 1st April
    (4) 1st May
    (5) 1st January

151. USA withdrew its army from which of the following countries after a 9 year's long stay of the same there ?
    (1) Syria   (2) Libya
    (3) Egypt   (4) Iraq
    (5) Iran

152. Which of the following Cups/Trophies is associated with the game of Laws Tennis ?
    (1) FIFA Cup
    (2) Champions Trophy
    (3) Ranji Trophy
    (4) Subrato Cup
    (5) Davis Cup

153. Which award is given to the coaches of Sports persons ?
    (1) Dronacharya Award
    (2) Arjuna Award
    (3) Kalidas Samman
    (4) Rajiv Gandhi Khelratna
    (5) Saraswati Samman

154. Which of the following terms is used in the game of Cricket?
    (1) Heave   (2) Silly Point
    (3) Tee   (4) Smash
    (5) Grand slam

155. A new Nuclear Power Plant is being set up in which of the following places in India ?
    (1) Amethi
    (2) Firozabad
    (3) Jaitapur
    (4) Joshi Math
    (5) Satna

156. Which of the following schemes is launched to make cities in India slum-free ?
    (1) Jawaharlal Nehru National Urban Renewal Mission
    (2) Bharat Nirman
    (3) Rajiv Awas Yojana
    (4) Indira Awas Yojana
    (5) None of these

157. Who among the following is a famous author of Indian origin?
    (1) Homi K. Bhabha
    (2) Kiran Desai
    (3) Swati A. Piramal
    (4) Shabana Azmi
    (5) Ronen Sen

158. Who among the following has written the famous book "Malgudi Days" ?
    (1) V.S. Naipaul
    (2) Deepak Chopra
    (3) Rabindranath Tagore
    (4) Vijay Tendulkar
    (5) R.K. Narayan

159. Which of the following is NOT the name of the currency of a country ?
    (1) Rand   (2) Pound
    (3) Dinar   (4) Ecuador
    (5) Dollar

160. Which of the following is the Unit of heat ?
    (1) Joule   (2) Ohm
    (3) Ampere   (4) Volt
    (5) Newton

COMPUTER KNOWLEDGE

161. What is backup ?
    (1) Adding more components to your network
    (2) Protectiong data by copying it from the original source to a different destination
    (3) Filtering old data from the new data
    (4) Accessing data on tape
    (5) Using earlier data

162. The legal right to use software based on specific restrictions is granted via a ....
    (1) software privacy policy
    (2) software license
    (3) software password manager
    (4) software log
    (5) None of these

163. What is an E-mail attachment?
    (1) A receipt sent by the recipient

    (2) A separate document from another program sent along with an E-mail message
    (3) A malicious parasite that feeds off of your messages and destroys the contents
    (4) A list of CC : or BCC : recipients
    (5) A friend to whom E-mail is sent regularly

164. The type of software that controls the internal operations in the computer, and controls how the computer works with all its parts is which of the following ?
    (1) Shareware
    (2) Public domain software
    (3) Application software
    (4) Operating system software
    (5) None of these

165. When data changes in multiple lists and all lists are not updated, this causes ....
    (1) Data redundancy
    (2) Information overload
    (3) Duplicate data
    (4) Data consistency
    (5) Data inconsistency

166. What is the main folder on a storage device called ?
    (1) Root directory
    (2) Interface
    (3) Device driver
    (4) Platform
    (5) Main directory

167. To view information on the web you must have a ....
    (1) Cable modem
    (2) Web browser
    (3) Domain Name Server
    (4) Hypertext viewer
    (5) None of these

168. A file is often referred to as a(n) ....
    (1) Wizard   (2) Document
    (3) Pane   (4) Device
    (5) Documentation

169. To protect yourself from computer hacker intrusions you shoud install a ....
    (1) Firewall   (2) Mailer
    (3) Macro   (4) Script
    (5) None of these

170. What type of computers are client computers (most of the time) in a client-server system?
    (1) Mainframe
    (2) Mini-computer

    (3) Microcomputer
    (4) PDA
    (5) None of these

171. What happens when you boot up a PC ?
    (1) Portions of the operation system are copied from disk into memory
    (2) Portions of the operating system are copied from memory onto disk
    (3) Portions of the operating system are compiled
    (4) Portions of the operating system are emulated
    (5) The PC gets switched off

172. Linux is an example of ....
    (1) Freeware
    (2) Open source software
    (3) Shareware
    (4) Complimentary
    (5) None of these

173. Which one of the following software applications would be the most appropriate for performing numerical and statistical calculations?
    (1) Database
    (2) Document processor
    (3) Graphics package
    (4) Spreadsheet
    (5) Power Point

174. A .... is used to read handwritten or printed text to make a digital image that is stored in memory.
    (1) Printer   (2) Laser beam
    (3) Scanner   (4) Touchpad
    (5) None of these

175. You organize files by storing them in ....
    (1) Archives   (2) Lists
    (3) Indexes   (4) Folders
    (5) None of these

176. A .... pre-designed document that already has coordinating fonts, a layout, and a background
    (1) Guide   (2) Model
    (3) Ruler   (4) Template
    (5) Design-plate

177. What is the default file extension for all Word documents ?
    (1) WRD   (2) TXT
    (3) DOC   (4) FIL
    (5) WD

178. Removing and replacing devices without turning off your computer is referred to as ....
(1) Hot swapping
(2) Plug-N-Play   (3) Bay swap
(4) USB swapping
(5) None of these

179. Specialized programs that assist users in locating information on the web are called ....
(1) Information engines
(2) Locator engines
(3) Web browsers
(4) Resource locators
(5) Search engines

180. Compiling creates a(n).........
(1) Error-free program
(2) Program specification
(3) Subroutine
(4) Algorithm
(5) Executable program

181. Expansion cards are inserted into ....
(1) Slots
(2) Peripheral devices
(3) The CPU
(4) The back of the computer
(5) None of these

182. A device that connects to a network without the use of cables is said to be ....
(1) Distributed
(2) Non-Wired
(3) Centralized
(4) Open source
(5) Wireless

183. A complete electronic circuit with transistors and other electronic components on a small silicon chip is called a(n) ....
(1) Workstation
(2) CPU
(3) Magnetic disk
(4) Integrated circuit
(5) Complex circuit

184. Junk e-mail is also called ....
(1) Crap   (2) Spoof
(3) Sniffer script(4) Spool
(5) Spam

185. A progrm designed to destroy data on your computer which can travel to "infect" other computers is called a ....
(1) Disease   (2) Torpedo
(3) Hurricane   (4) Virus
(5) Infector

186. .... shows the files, folders, and drives on your computer, making it easy to navigate from one location to another within the file hierarchy.
(1) Microsoft Internet Explorer
(2) Windows Explorer
(3) My Computer
(4) Folders Manager
(5) Windows Locator

187. The .... manual tells you how to use a software program.
(1) Documentation
(2) Programming
(3) User
(4) Technical   (5) Designer

188. A collection of interrelated records is called a ....
(1) Utility file
(2) Management information system
(3) Database
(4) Spreadsheet
(5) Datasheet

189. File extension is used
(1) For naming the file
(2) To ascertain that file name is not lost
(3) To identify file
(4) To identify file type
(5) To make items complex

190. What is Gutter margin ?
(1) Margin added to left margin while printing
(2) Margin added to right margin while printing
(3) Margin added to binding side of the page while printing
(4) Margin added to outside of page while printing
(5) None of these

191. ALU of CPU has
(1) RAM space
(2) Register
(3) Byte space
(4) Secondary storage space
(5) None of these

192. What happens when operating system is loaded in RAM ?
(1) Copying
(2) Device driving
(3) Booting
(4) Multitasking
(5) None of these

193. In page preview mode
(1) You can see all the pages of your document
(2) You can see only that page on which your are currently working

(3) You can see only that page which have no graphics
(4) You can see only title page of your document
(5) You can see only the last page of your document

194. When you will start, your computer Boot routine will perporm
(1) RAM Test
(2) Disk drive test
(3) Memory Test
(4) Power-on-self Test
(5) Whether power supply is on or off

195. Machine language uses
(1) Numeric code
(2) English Language code
(3) Java Language
(4) CPU Processing code
(5) None of these

196. What is the keyboard short-cut for new slide ?
(1) Ctrl + M   (2) Ctrl + N
(3) Ctrl + Shift + N
(4) Ctrl + S
(5) None of these

197. Vertical space between lines of text in documentis called
(1) Double space
(2) Line gap
(3) Single space
(4) Vertical spacing
(5) Line spacing

198. Full form of CD-RW is
(1) Compact Drum, Read, Write
(2) Compact Diskette, Read, Write
(3) Compact Disc, Read-only then Write
(4) Compact Diskette with Random Write Capability
(5) Compact Disc-Rewritable

199. Password makes users capable
(1) To enter into system quickly
(2) To use time efficiently
(3) To retain the secrecy of files
(4) To make file structure simple
(5) To feel special

200. Files deleted from hard disc are sent to
(1) Dustbin
(2) Floppy Disc
(3) Clip board
(4) Mother board
(5) Recycle bin

ANSWERS

1. (2)	2. (3)	3. (3)	4. (5)
5. (2)	6. (4)	7. (1)	8. (3)
9. (2)	10. (1)	11. (1)	12. (2)
13. (5)	14. (4)	15. (5)	16. (4)
17. (1)	18. (2)	19. (5)	20. (1)
21. (3)	22. (5)	23. (2)	24. (3)
25. (1)	26. (4)	27. (4)	28. (3)
29. (1)	30. (5)	31. (2)	32. (5)
33. (2)	34. (2)	35. (4)	36. (1)
37. (5)	38. (4)	39. (5)	40. (2)
41. (5)	42. (2)	43. (3)	44. (5)
45. (4)	46. (2)	47. (1)	48. (1)
49. (4)	50. (1)	51. (1)	52. (5)
53. (3)	54. (1)	55. (4)	56. (2)
57. (2)	58. (2)	59. (4)	60. (4)
61. (3)	62. (1)	63. (3)	64. (5)
65. (2)	66. (5)	67. (4)	68. (5)
69. (2)	70. (2)	71. (4)	72. (4)
73. (1)	74. (3)	75. (3)	76. (3)
77. (2)	78. (4)	79. (5)	80. (4)
81. (4)	82. (3)	83. (1)	84. (1)
85. (1)	86. (2)	87. (2)	88. (3)
89. (5)	90. (5)	91. (4)	92. (5)
93. (4)	94. (4)	95. (3)	96. (2)
97. (1)	98. (4)	99. (4)	100. (2)
101. (1)	102. (5)	103. (2)	104. (2)
105. (3)	106. (3)	107. (4)	108. (5)
109. (4)	110. (3)	111. (2)	112. (3)
113. (2)	114. (1)	115. (4)	116. (1)
117. (5)	118. (5)	119. (4)	120. (3)
121. (4)	122. (4)	123. (4)	124. (5)
125. (3)	126. (5)	127. (1)	128. (4)
129. (1)	130. (5)	131. (3)	132. (1)
133. (5)	134. (3)	135. (1)	136. (3)
137. (2)	138. (4)	139. (1)	140. (5)
141. (5)	142. (2)	143. (2)	144. (1)
145. (2)	146. (3)	147. (3)	148. (4)
149. (2)	150. (1)	151. (4)	152. (5)
153. (1)	154. (2)	155. (3)	156. (3)
157. (2)	158. (5)	159. (4)	160. (1)
161. (2)	162. (2)	163. (2)	164. (4)
165. (1)	166. (1)	167. (2)	168. (2)
169. (1)	170. (1)	171. (1)	172. (2)
173. (4)	174. (3)	175. (4)	176. (4)
177. (3)	178. (2)	179. (5)	180. (5)
181. (1)	182. (5)	183. (4)	184. (5)
185. (4)	186. (2)	187. (1)	188. (3)
189. (4)	190. (3)	191. (2)	192. (3)
193. (1)	194. (4)	195. (1)	196. (1)
197. (5)	198. (5)	199. (3)	200. (5)

EXPLANATIONS

1. (2) Meaningful Word ⇒ COPY

2. (3) A B [L] E S U [I] T
      I [J K] L

(3-4) :
   B > C > D > E > A
       92%   71%

3. (3) D is most likely to have scored 87% marks.

4. (5) B scored more than D. Therefore, B must have scored more than 92% marks.

5. (2)

6. (4)

Similarly,

7. (1) H $\xrightarrow{-3}$ K
   C $\xrightarrow{-7}$ Q
   O $\xrightarrow{-3}$ A
   G $\xrightarrow{-7}$ B
   Similarly,
   R $\xrightarrow{-3}$ T
   K $\xrightarrow{-7}$ J

8. (3)

B P [Q] R U V X
        ←――――――
      5th from right

9. (2)
   16   1   3   11   5   20   19
    P   A   C   K   E   T   S

10. (1)

11. (1) H ≥ I = J > K ≤ L
   Conclusions :
   I. K < H : True
   II. L ≥ I : Not True

12. (2) S > C ≥ O
       S > C > P
       P < C ≥ O
   Conclusions :
   I. O < P : Not True
   II. S > P : True

13. (5) R < A = B ≤ C
   Conclusions :
   I. B > R : True
   II. R < C : True

14. (4) D > E ≤ F > J
   Conclusions :
   I. D > J : Not True
   II. E < J : Not True

15. (5) P < Q ≤ R
       R ≥ Q > T
   Conclusions :
   I. R > P : True
   II. T < R : True

(16-20) :

16. (4) D sits third from the left or second from the right.
   A sits to the immediate right of D.
   S faces D.
   A, the immediate neighbour of D, faces R.
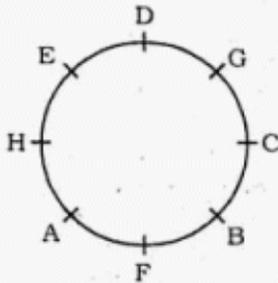
17. (1) P faces C.

18. (2) P faces C and Q is to the immediate right of P.

19. (5) Except S, all others are seated at the extreme ends of lines.

20. (1) A faces R.

(21-26):
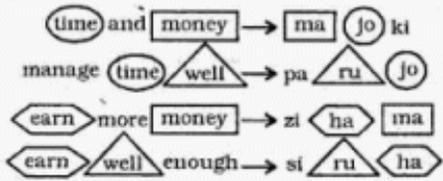
21. (3) earn ⇒ ha

22. (5) more ⇒ zi; time ⇒ jo

23. (2) manage ⇒ pa

24. (3) money ⇒ ma; matters ⇒ fi

25. (1) ru ⇒ well

26. (4) enough ⇒ si
good ⇒ da

(27-33):

27. (4) A and G are just opposite to each other.
C and H are just opposite to each other.
Similarly, F and D are just opposite to each other.

28. (3) D sits second to the right of C.

29. (1) C is third to the left of E.

30. (5) A sits to the immediate right of H.
B sits exactly between C and F.
F sits second to left of C.
E sits third to the right of C.

31. (2) Immediate neighbours of G are C and D.

32. (5) B sits exactly between C and F.

33. (2)
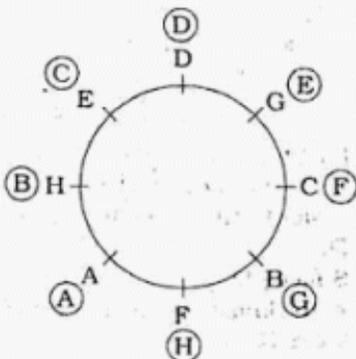
(34-37):

(i) All exams are tests → Universal Affirmative (A–type).

(ii) Some earrings are rings → Particular Affirmative (I–type).

(iii) No test is a question → Universal Negative (E–type).

(iv) Some tests are not questions → Particular Negative (O-type).

34. (2) All exams are tests.
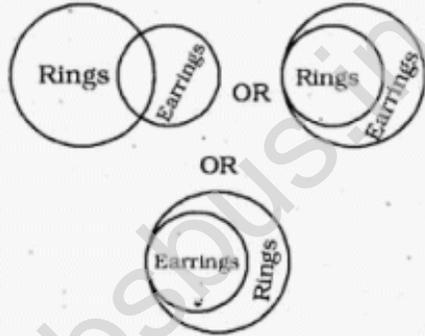
No test is a question.

A + E ⇒ E– type of conclusion
"No exam is a question."
This is Conclusion II.

35. (4) No bangle is an earring.

Some earrings are rings.

E + I ⇒ O_1–type of Conclusion.
"Some rings are not bangles."
It can be illustrated by Venn Diagrams as :

36. (1) Some banks are colleges.

All colleges are schools.

I + A ⇒ I–type of Conclusion
"Some banks are schools."
This is Conclusion I.

37. (5) All rivers are lakes.

All lakes are oceans.

A + A ⇒ A–type of Conclusion
"All rivers are Oceans."
This is Conclusion I.
Conclusion II is Converse of the second Premise.
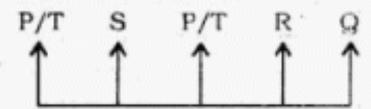
38. (4) From statement I
Parul was born on 16th, 17th, 18th, 19th or 20th April.
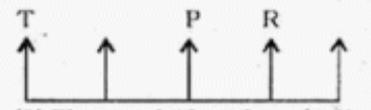From statement II,
Parul was born on 19th, 20th, 21st, 22nd or 23rd April.

39. (5) From both the statements Meghna has one brother.

40. (2) From statement I

·From statement II

46. (2) The word **Abundant (Adjective)** means : plentiful, existing in large quantities; more than enough; sufficient.
Its antonym should be **little**.

47. (1) The word **Muddled (Adjective)** means : confused; jumbled; deranged.
Its antonym should be **skillfully organised**.

48. (1) The word **Sound (Verb)** means : seem, give impression.
Look at the sentence :
His explanation sounds reasonable to me.

49. (4) The word **Affinity (Noun)** means : rapport; close relationship between two people or the things that have similar quantities, structures, features; compatibility.

50. (1) The word **Degree (Noun)** means : amount or level of something; extent.

56. (2) An adverb adds to the meaning of a verb, an adjective or another adverb.
Hence, has grown rapidly in .... should be used here.

57. (2) Here, Subject (people) is plural.
Hence, are more sensitive to perceiving .... should be used.

58. (2) Here, are not applicable to should be used.
Look at the sentences :
Much of the form was not applicable to me.
The new approach had wide applicability to all sorts of different problems.

59. (4) Here, develop it into a huge resource .... should be used.
There is need of meaningful arrangement.

60. (4) Here, seeking/who seek specialised .... should be used.

61. (3) Here, on time, no other charges should be used.

62. (1) Here, Training has a (Singular) .... should be used.

63. (3) Here, all the or the barriers that keep .... should be used.

64. (2) Here, at prices that make them (products) self-sustaining .... should be used.

81. (4) $\dfrac{?}{0.5} \times 24 = 5652$

$\Rightarrow ? = \dfrac{5652 \times 0.5}{24} = 117.75$

82. (3) $5 \times ? = \dfrac{4808}{8} = 601$

$\Rightarrow ? = \dfrac{601}{5} = 120.2$

83. (1) $\dfrac{654 \times 65}{100} - \dfrac{860 \times ?}{100} = 210.1$

$\Rightarrow 425.1 - \dfrac{860 \times ?}{100} = 210.1$

$\Rightarrow \dfrac{860 \times ?}{100}$

$= 425.1 - 210.1 = 215$

$\Rightarrow ? = \dfrac{215 \times 100}{860} = 25$

84. (1) $? = 35154 - 20465 - 5201$
$= 9488$

85. (1) $? = \dfrac{8}{13} \times \dfrac{559}{192} = \dfrac{43}{24} = 1\dfrac{19}{24}$

86. (2) $? = 243 \times 124 - 25340$
$= 30132 - 25340 = 4792$

87. (2) $? = \dfrac{92}{8 \times 2} = 5.75$

88. (3)

$\left((11)^2\right)^3 \times 11 \div \left((11)^3\right)^2 = (11)^?$

$\Rightarrow 11^6 \times 11 \div 11^6 = (11)^?$

$\Rightarrow (11)^{6+1-6} = (11)^? \Rightarrow ? = 1$

$$\left[\begin{array}{l} \left(a^m\right)^n = a^{mn}, \\ a^m \times a^n = a^{m+n}, \\ a^m \div a^n = a^{m-n} \end{array}\right]$$

89. (5)
$? = 283.56 + 142.04 + 661.78$
$= 1087.38$

90. (5) $? = \dfrac{7028}{25} = 281.12$

91. (4) $390.5 \times \sqrt{?} = 284 \times 22$

$\Rightarrow \sqrt{?} = \dfrac{284 \times 22}{390.5} = 16$

$\therefore ? = 16 \times 16 = 256$

92. (5) $? = 12.5 \times 8.4 \times 7.6 = 798$

93. (4) $? = \dfrac{4477}{44 \times 5.5} = 18.5$

94. (4) $? = \dfrac{250 \times 33.5}{100} = 83.75$

95. (3) $? = 5820 \times \dfrac{4}{9} \times \dfrac{3}{5} \times \dfrac{1}{2} = 776$

96. (2) ∵ 12 men complete the work in 6 days.

$\therefore$ 1 man's 1 day's work $= \dfrac{1}{72}$

$\therefore$ 10 men's 3 days' work

$= \dfrac{10 \times 3}{72} = \dfrac{5}{12}$ work

Remaining work $= 1 - \dfrac{5}{12} = \dfrac{7}{12}$

$\therefore$ 21 women do $\dfrac{7}{12}$ work in 3 days.

$\therefore$ By $\dfrac{M_1 D_1}{W_1} = \dfrac{M_2 D_2}{W_2}$

$\Rightarrow \dfrac{21 \times 3}{\frac{7}{12}} = \dfrac{12 \times D_2}{1}$

$\Rightarrow \dfrac{21 \times 3 \times 12}{7 \times 12} = D_2$

$\Rightarrow D_2 = 9$ days

97. (1) Original price of the T.V.

$= \dfrac{133200 \times 100}{111}$

$=$ Rs. 120000

98. (4) Woman's age $= 16x$ years
Her daughter's age $= 3x$ years
$\therefore 16x + 3x = 2 \times 19 = 38$
$\Rightarrow 19x = 38 \Rightarrow x = 2$
$\therefore$ Daughter's age $= 3 \times 2$
$= 6$ years

99. (4) $\dfrac{3}{5} = 0.6$; $\dfrac{1}{4} = 0.25$

$\dfrac{5}{6} = 0.83$; $\dfrac{7}{9} = 0.78$

$\dfrac{8}{11} = 0.73$

$\therefore \dfrac{1}{4} < \dfrac{3}{5} < \dfrac{8}{11} < \dfrac{7}{9} < \dfrac{5}{6}$

100. (2) Distance covered by car in 3 hours
$= 124 \times 3 = 372$ km
Distance covered by truck in 3 hours
$= 372 - 120$
$= 252$ km.
$\therefore$ Average speed of truck
$= \dfrac{252}{3} = 84$ kmph

101. (1) C.P. of 1 calculator
$=$ Rs. x
C.P. of 1 stencil $=$ Rs. y
$\therefore 4x + 2y = 6200$
Multiplying both sides by 2.5
$10x + 5y = 6200 \times 2.5$
$=$ Rs. 15500

102. (5) Required average

$= \dfrac{\begin{array}{c} 214 + 351 + 109 + 333 + 752 \\ + 614 + 456 + 547 \end{array}}{8}$

$= \dfrac{3376}{8} = 422$

103. (2) $A + A + 2 + A + 4 + A + 6$
$= 54 \times 4$
$\Rightarrow 4A + 12 = 216$
$\Rightarrow 4A = 216 - 12 = 204$

$\Rightarrow A = \dfrac{204}{4} = 51$

$\therefore C = A + 4 = 51 + 4 = 55$
$\therefore A \times C = 51 \times 55 = 2805$

104. (2) Let the number be x.
$\therefore (55 + 40)\%$ of $x = 180.5$

$\Rightarrow \dfrac{x \times 95}{100} = 180.5$

$\Rightarrow x = \dfrac{180.5 \times 100}{95} = 190$

$\therefore$ 80% of 190

$= \dfrac{190 \times 80}{100} = 152$

105. (3) Number of promoted employees

$= \dfrac{950 \times 28}{100} = 266$

106. (3) $55 \times 55 = 3025$
$\therefore$ Required number
$= 3025 - 3000 = 25$

107. (4) C.I. $= P\left[\left(1+\dfrac{R}{100}\right)^T - 1\right]$

$= 7640\left[\left(1+\dfrac{15}{100}\right)^2 - 1\right]$

$= 7640\left[\left(\dfrac{23}{20}\right)^2 - 1\right]$

$= 7640\left[\dfrac{529}{400} - 1\right]$

$= \dfrac{7640\times 129}{400}$

= Rs. 2463.9

108. (5) $\dfrac{55}{100}$ of total maximum marks

= 847

∴ Total maximum marks

$= \dfrac{847\times 100}{55} = 1540$

109. (4) ∵ 28 days ≡ 35 dozens of guavas

∴ 36 days $\equiv \dfrac{35}{28}\times 36$

= 45 dozens of guavas

110. (3) C.P. of article

$= \dfrac{100}{55}\times 4510 = $ Rs. 8200

∴ Required S.P. of article

$= \dfrac{8200\times 145}{100}$

= Rs. 11890

111. (2) $(?)^{1.5} \times (?)^{1.5} = 288 \times 6$

$\Rightarrow ?^3 = 2\times 2\times 2\times 6\times 6\times 6$

$= 2^3 \times 6^3$

$\Rightarrow ? = \sqrt[3]{2^3\times 6^3} = 2\times 6 = 12$

112. (3) $\pi r^2 = 745.36$

$\Rightarrow \dfrac{22}{7}\times r^2 = 745.36$

$\Rightarrow r^2 = \dfrac{745.36\times 7}{22} = 237.16$

∴ $r = \sqrt{237.16} = 15.4$ cm

∴ Circumference of circle $= 2\pi r$

$= 2\times \dfrac{22}{7}\times 15.4 = 96.8$ cm

113. (2) The pattern is :—
5 × 2 + 5 = 15
15 × 2 + 5 = 35
35 × 2 + 5 = 75
75 × 2 + 5 = 155
155 × 2 + 5 = 310 + 5 = $\boxed{315}$

114. (1) The pattern is :
3 × 2 = 6
6 × 3 = 18
18 × 4 = 72
72 × 5 = 360
360 × 6 = $\boxed{2160}$

115. (4) The pattern is :
$688 - 472 = 216 = 6^3$
$472 - 347 = 125 = 5^3$
$347 - 283 = 64 = 4^3$
$283 - 256 = 27 = 3^3$
∴ $? = 256 - 2^3 = 256 - 8 =$
$\boxed{248}$

116. (1) LHS $= -\left[\left\{92\times \dfrac{1}{184}\right\}\times 1.5\right]$

$= -0.75 < -0.7$

117. (5) LHS $= (84 - 9)\times 10$
$= 750 > 749.9$

118. (5) LHS $= 85 - 58 + 76$
$= 103 \geq \pm 103$

119. (4) LHS

$= -\left[\left\{\sqrt{324} - \sqrt{256}\right\}\times -4.5\right]$

$= -[(18 - 16)\times -4.5]$

$= 9$

120. (3) LHS $= \pm \left(\dfrac{81}{6} + \dfrac{45}{2}\right)$

$= \pm \left(\dfrac{27}{2} + \dfrac{45}{2}\right)$

$= \pm \dfrac{72}{2} = \pm 36 \leq \sqrt{1296}$

121. (4) the member countries of Organisation of Petroleum Exporting Countries (OPEC) are : Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi-Arabia, United Arab Emirates and Venezuela.
USA and European Union have imposed a new set of sanctions on Iran.

122. (4) *Swabhimaan*, a special campaign for financial inclusion to bring banking to the masses was launched on February 10, 2011.

123. (4) Nicolas Sarkozy, the President of France was defeated by Francois Hollande in the presidential elections held on May 6, 2012. Mr. Hollande succeeded Mr. Sarkozy as President on May 15, 2012.

124. (5) NBFCs : Non-Banking Financial Companies

125. (3) Harun Rashid Khan on July 4, 2011 assumed charge as the Deputy Governor of the Reserve Bank of Indian for three years.

126. (5) CRISIL : The Credit Rating Information Services of India Ltd. It is India's first credit rating agency which started functioning in January 1998.
IBA : Indian Banking Association
BASEL : The implementation of Basel III capital regulation in India will kick start from January 1, 2013. It will be fully implemented by March 31, 2018.
IRDA : Insurance Regulatory and Development Authority

127. (1) Akhilesh Yadav, the son of Samajwadi Party supremo Mulayam Singh Yadav was sworn in as Chief Minister of Utttar Pradesh on March 15, 2012.

128. (4) The government issues coins of denominations 50 paisa, one rupee, two rupees, five rupees and ten rupees.

129. (1) Service tax rate was increased from 10 per cent to 12 per cent, with corresponding changes in rates for individual services. The proposals for service tax expected to yield additional revenue of Rs. 18,660 crore.
Fiscal deficit at 5.9 per cent of GDP in the Revised Estimates for 2011-12 while fiscal deficit is targeted at 5.1 per cent of GDP in Budget Estimates for 2012-13. The Budget 2012-13 proposed to increase defence spending by some 18 per cent and hiked the budget for capital acqutistion by 15 per cent. A sum of Rs. 193407 crore were earmarked for defence.

130. (5) Education loan has been specially designed and launched to help students.

131. (3) Sensex is related to share market.

132. (1) The National Bank for Agriculture and Rural Development (NABARD) is the apex developmental bank for agriculture and rural development. It was set up on July 12, 1982.
NABARD has been entrusted with three types of functions, namely, (i) the credit functions (ii) the developmental functions and (iii) the regulatory functions. The Banking Regulations Act, 1949 empowers NABARD to undertake inspection of Regional Rural Banks and Co-operative Banks (other than primary co-operative banks).

133. (5) Crocodile Challenge Cup Finals was played on December 18, 2011 at the Hong Kong Squash Centre. Dipika Pallikal beat Joey Chan of Hong Kong.

134. (3) Swedish poet Tomas Transtromer received the 2011 Nobel Prize in Literature in December 2011. Before Transtromer, two Swedish authors, Eyvind Johnson and Harry Maritinson, shared the Nobel Prize in Literature in 1974.

135. (1) Vidya Balan received the Best Actress award for her role in *The Dirty Picture* at the 59th National Film Award on May 3, 2012.

136. (3) FOREX : Foreign Exchange
FCCB : Foreign Currency Convertible Bond
FIPB : Foreign Investment Promotion Board
FEMA : Foreign Exchange Management Act
AITAF : ARTS in the Armed Forces

137. (2) Eight core infrastructure industries are crude oil, petroleum refinery products, natural gas, fertilisers, coal, electricity, cement and finished steel.

138. (4) On March 16, 2012 Sachin Tendulkar became the first cricketer in the world to notch up century of international centuries after scoring 114 against Bangladesh.

139. (1) Padma Vibhushan awardees in 2012 : KG Subramanyan; Mario de Miranda, Bhupen Hazarika, Dr. Kantimal Hastimal Sancheti and T V Rajeswar.

140. (5) The Fourth BRICS Summit was held on March 29, 2012 in New Delhi. The grouping was formalised with the first meeting of the Foreign Ministers of Brazil, Russia, India and China on the margins of the United Nations General Assembly in New York in September 2006. South Africa joined the grouping at the third Summit in Sanya, China in April 2011.

141. (5) China on September 29, 2011 successfully launched its first space laboratory module, Tiangong-1.

142. (2) Rohinton Nariman was on July 23, 2011 appointed Solicitor General of India. He succeeded Gopal Subramaniam, who resigned on July 9, 2011.

143. (2) Mid-Day Meal scheme is the popular name for school meal programme in India which started in the 1960s.
Kutir-Jyoti Programme launched in the late 1980s, envisaged extending single point light connections to households of rural BPL families.
MGNREGA (Mahatma Gandhi National Rural Employment Guarantee Act) was enacted by legislation on August 25, 2005 and launched on February 2, 2006. Initially, NREGA, but was renamed on October 2, 2009 as MGNREGA.
RAY (Rajiv Awas Yojana) : With an aim of creating a slum-free India, the Government on June 2, 2011 approved the launch of the phase-1 of Rajiv Awas Yojana to facilitate affordable housing for slum dwellers.
Bharat Nirman is a plan for creating basic rural infrastructure. It comprises projects on irrigation, roads, (Pradhan Mantri Gram Sadak Yojana), housing (Indira Awas Yojana), water supply, electrification (Rajiv Gandhi Grameen Vidyutikaran Yojana) and telecommunication connectivity.

144. (1) The Union Cabinet on December 20, 2011 approved the National Council for Higher Education and Research (NCHER), a single overarching independent body to cover all streams of higher education except the medical and agricultural areas.

145. (2) Commonwealth Games 2018 will be held in Gold Coast, Australia from April 4 to April 15, 2018.

146. (3) India on January 31, 2012 selected the French Fighter Rafale over the Eurofighter Typhoon in a multi-billion dollar contract for the supply of 126 Medium Multi-Role Combat Aircraft (MMRCA) – the country's largest defence deal to date.

147. (3) Seychelles is a group of about 100 islands scattered in the Western Indian Ocean. Its capital is Victoria.

148. (4) Balance of Payment is a tabulation of the credit and debit transactions of a country with foreign countries and international institutions.

149. (2) Kyoto Protocol, which was adopted in 1997, is part of the United Nations Framework Convention on Climate Change. Canada is the first country to formally withdraw from the Kyoto Protocol.

150. (1) World's AIDS Day is observed on 1st December.
1st April : Foundation Day of Orissa (Utkal); Fool's Day
1st May : International Labour Day; Statehood Day of Maharashtra and Gujarat
1st January : Nagaland Day; Army Medical Corps Foundaton Day; Liberation Day of Cuba; Revolution Day of Palestine; National Day of Sudan; Republic Day of Slovakia.

151. (4) USA withdrew its Army from Iraq after nine years. USA will withdraw its army from Afghanistan by 2014.

152. (5) FIFA Cup : Football; Champions Trophy : Hockey; Ranji Trophy : Cricket;
Subrato Cup : Football;
Davis Cup : Tennis

153. (1) Dronocharya Award

154. (2) Heave : Volleyball; Silly Point : Cricket; Tee : Golf; Smash : Badminton; Grand Slam : Tennis

155. (3) Jaitapur in Maharashtra

156. (3) Rajiv Awas Yojana under Jawaharlal Nehru National Urban Renewal Mission

157. (2) Kiran Desai won Booker Prize in 2006 for her book 'The Loss of Inheritance'.

158. (5) R K Narayan

159. (4) Ecuador is a country in South America. Its capital is Quito.

160. (1) Unit of heat is Joule. One Calorie is equal to 4.2 Joules.