

RBI ASST (PRE) CWE-2020

PREVIOUS YEAR PAPER

WRITTEN EXAMINATION STRUCTURE

Sr. No.	Name of Tests (Objective)	No. of Questions	Maximum Marks	Allotted Time By RBI
1.	English Language	30	30	20 minutes
2.	Numerical Ability	35	35	20 minutes
3.	Reasoning Ability	35	35	20 minutes
	Total	100	100	60 minutes

INSTRUCTIONS

- (1) All the sections are available in English only, and the time suggested above for each test is not for guidance, you have to follow the above mentioned time.
- (2) Do not use calculators, or any electronic medium for calculations. You may take a clean sheet of paper for rough work and all calculations must be performed manually by the candidate.
- (3) There will be penalty for wrong answer marked by you in the objective tests. There are five alternatives in every question of a test.
- (4) For each question for which a wrong answer has been given by you, 1/4 or 0.25 of the marks assigned to that question will be deducted as penalty. If a question is left blank, i.e. no answer is given by you, there will be no penalty for that question.
- (5) There will be a cut off for each section and an overall cut off as well. Hence, your aim should be to answer maximum number of attempts in all three sections.

TEST-I
ENGLISH LANGUAGE

Direction (Qs.1-9): Read the following passage and answer the given questions. Some words have been given in bold to help you locate them while answering some questions.

Far down in the forest, where the warm sun and the fresh air made a sweet resting-place, grew a pretty little fir-tree. The tree was not happy as it was short and wished so much to be tall like its companions the pines and firs which grew around it. The tree grew a notch or joint taller every year; still, as it grew, it complained. 'Oh! How I wish I were as tall as the other trees, then I would spread out my branches on every side, and my top would over look the wide world. I should have the birds building their nests on my boughs, and as the wind blows, I should bow with stately dignity like my tall companions. 'The tree was so discontent, that it took no pleasure in the warm sunshine, the birds chirping around it cheerfully, or the rosy clouds that floated over it morning and evening. Sometimes, in winter, when the snow lay white and glittering on the ground, a hare would come springing along, and jump right over the little tree; and then how **mortified** it would feel! Two winters passed, and when the third arrived, the tree had grown so tall that the hare was required to run around it. Yet it remained un-satisfied, and would exclaim, 'Oh, if I could but keep on growing tall and old! There is nothing else worth caring for in the world!'

In the autumn, for the first time, the wood-cutters came to the forest and cut down several of the tallest tree, and the young fir-tree, which was now grown to its full height, shuddered as the noble trees fell to the earth with a crash. After the branches were lopped off, the trunks looked so slender and bare, that they could **scarcely be recognized**. Then they were placed upon wagons, and drawn by horses out of the forest. "Where were they going? What would become of them?" They young fir-tree **shuddered** at the thought of being cut down like the other trees. Since then the fir tree lived in anxiety every autumn as wood cutters came and cut down more and more trees as per their needs. The tree missed the old days when it was short and carefree and regretted that it never lived those days well.

1. Why was the fir tree unhappy initially?
 - (1) It had no friends
 - (2) All those given as options
 - (3) The pines and the fir that grew around it mocked it
 - (4) It regretted not being as tall as the other trees of the forest
 - (5) All the animals were scared of it

2. Which of the following is/are true as per the given passage?
 - (1) The trees looked very pretty after their branches were cut off
 - (2) All those given as options are true
 - (3) The fir tree did not know where the tree which had been cut down were being taken
 - (4) The woodcutters were interested in cutting only shorter trees
 - (5) The forest had only fir trees all around it

3. What does the author mean by the phrase- 'There is nothing else worth caring for in the world'?
 - (1) The tree was upset that its friends were cut down
 - (2) The tree was leading a saintly life
 - (3) Being tall was the most important thing to the tree
 - (4) No one in the forest cared for the fir tree
 - (5) All those given as options

4. Which of the following is most nearly the same in meaning as the word **MORTIFIED** as used in the passage?
 (1) acknowledged (2) surprised (3) embarrassed
 (4) withstood (5) slowed
5. According to the passage, which of the following positive aspect/s of the forest was/were not appreciated by the tree?
 (1) All those given as options (2) The sound of the following river
 (3) His friend-the hare (4) The fragrant flowers (5) The sunshine
6. Why did the fir tree start becoming anxious in autumn?
 (1) The woodcutters would visit the forest every autumn to cut down the trees
 (2) The birds refused to build nests on its branches
 (3) All those given as options
 (4) The hare would come near it and tease it repeatedly
 (5) All its leaves would start drying up
7. Which of the following can be said about the fir tree?
 (A) It did not like animals in the forest
 (B) It was longing for wood cutters to come and cut it
 (C) It took a few years for the fir tree to reach its maximum height
 (1) Only (B) and (C) (2) All (A), (B) and (C) (3) Only (C)
 (4) Only (B) (5) Only (A) and (C)
8. Which of the following is most nearly the same meaning as the word **SHUDDERED** as used in the passage?
 (1) directed (2) hoped (3) sanctioned (4) hunted (5) trembled
9. Which of the following can **REPLACE** the phrase 'scarcely be recognized' as used in the passage both meaningfully and grammatically?
 (1) completely be transformed (2) not be seen (3) not be saved in time
 (4) hardly be identified (5) move around freely

Direction (Qs.10-14): In each of the following questions, a sentence has a blank, indicating that something has been omitted. Choose the word for the blank which best fits the meaning of the sentence as a whole.

10. The trooper had a beautiful horse, which was one of the _____ in the country.
 (1) best (2) more (3) good (4) ordinary (5) strong
11. The young boy was learning this art _____ an old, wise teacher.
 (1) close (2) from (3) since (4) nearly (5) to
12. The enemy _____ the king's palace
 (1) attacked (2) quarrelled (3) disagreed (4) upsetting (5) argued
13. The old man thought a parrot would be the best pet to have _____ it could talk.
 (1) through (2) how (3) yet (4) since (5) still
14. The deer _____ out to the jackal for help but he pretended not to hear.
 (1) screaming (2) called (3) noise (4) shouts (5) loudly

Direction (Qs.15-21): In the given passage, there are blanks, each of which has been denoted by (A), (B), (C), (D), (E), (F) and (G). Against each five words have been given. Read the passage carefully and decide which of the given words will come in place of the blank in each case.

One hot summer morning, an Ox came down to a reedy pool to drink. He was not aware that the pool was full of frogs who ...**(A)**... there since ages. He could not wait to jump into the water the minute he reached the pond. As he ...**(B)**... heavily into the water, he crushed a young Frog into the mud. The old frog soon ...**(C)**... the little one and asked his brothers and sisters what had become of him. The brothers and sisters were very upset and in order to prevent the old frog from feeling the same way they decided to avoid the questions. However there was no ...**(D)**... as the old frog kept questioning them until it got a reasonable answer.

Finally the younger frogs answered the questions saying that, "A great big monster had come to the pond and while he was taking a bath he stepped on little brother with one of his huge feet!" 'Big, was he!' said the old Frog, puffing itself up. 'Was he as big as this?' 'Oh, much bigger!' they cried.

The frog puffed up still more but the younger frogs kept ...**(E)**... that the monster was much bigger.

'He could not have been bigger than this,' the old frog said as it puffed some more. But the little frogs all declared that the monster was much, much bigger and the old Frog kept puffing itself out more and more until, all at once, it ...**(F)**... .

That day the younger frogs realized that it was foolish to taken on more than they could **(G)** and so they kept in mind their limitations before doing anything.

15. What will replace **(A)** in the context of the passage?
(1) resided (2) slaves (3) needed (4) pretended (5) left
16. What will replace **(B)** in the context of the passage?
(1) jump (2) objected (3) distress (4) splashed (5) fall
17. What will replace **(C)** in the context of the passage?
(1) wondered (2) found (3) thought (4) looked (5) missed
18. What will replace **(D)** in the context of the passage?
(1) ways (2) escape (3) excuses (4) fearful (5) out
19. What will replace **(E)** in the context of the passage?
(1) said (2) insisting (3) found (4) dominating (5) wishing
20. What will replace **(F)** in the context of the passage?
(1) fly (2) fall (3) withheld (4) burst (5) loaded
21. What will replace **(G)** in the context of the passage?
(1) keep (2) handle (3) doing (4) point (5) dealt

Direction (Qs.22-27): In each question, a sentence is divided into four parts denoted by (A), (B), (C) and (D) has been given. Read the sentence to find out whether there is any error in it. The error, if any will be in one part of the sentence. That part is your answer. If there is No error, the answer is 'No error'.

22. The rabbit was (A)/ praised by all the animals (B)/ in the forest for facing (C)/ the lion bravery (D).
(1) D (2) B (3) A (4) C (5) No error

23. The tournament began (A)/ with the lighting of lamps (B)/ follows by a speech by (C)/ the village headman (D).
 (1) C (2) No error (3) D (4) A (5) B
24. With the advent to online payments (A)/ many people travel (B)/ with minimum cash (C)/ in their wallets (D).
 (1) D (2) No error (3) C (4) A (5) B
25. The girl was (A)/ unwilling to go to school (B)/ so she pretended (C)/ to be unwell (D).
 (1) A (2) B (3) D (4) No error (5) C
26. The queen invited (A)/ officiating from all (B)/ the neighbouring kingdoms (C)/ for the ball (D).
 (1) No error (2) C (3) B (4) D (5) A
27. The pollution in the city (A)/ has reached extreme levels (B)/ thus lead several respiratory (C)/ disorders in youth (D).
 (1) D (2) B (3) No error (4) C (5) A

Direction (Qs.28-30): Rearrange the given group of words (A), (B), (C), (D) and (E) in a proper sequence, so as to form a meaningful sentence. Select the combination which represents the correct sequence of the sentence as your answer. If none of the given combinations represents the correct sequence of the sentence choose 'None of the given combinations is correct' as your answer.

28. (A) living on trees
 (B) be known as monkeys
 (C) friends then began
 (D) and came to
 (E) the merchant and his
 (1) AECDB (2) ECADB (3) CADEB
 (4) ABECD (5) None of the given combinations is correct
29. (A) grown very old,
 (B) Sultan, who had
 (C) and had lost all his teeth
 (D) the shepherd owned
 (E) a faithful dog, called
 (1) DBEAC (2) DEBAC (3) BACDE
 (4) EBDAC (5) None of the given combination is correct
30. (A) herself and
 (B) he was ungrateful
 (C) the old woman worked
 (D) her grandson but
 (E) hard to feed
 (1) BCEAD (2) ACEBD (3) CEADB
 (4) CDAEB (5) None of the given combinations is correct

TEST-II
QUANTITATIVE APTITUDE

31. A and B started a business with investments of Rs.6800 and Rs.17200 respectively. If the total annual profit received was Rs.3600, what was A's share in the profit?
(1) Rs.1390 (2) Rs.1090 (3) Rs.1620 (4) Rs.1020 (5) Rs.1550

Directions (32-36): Study the following table carefully and answer the given questions.

The given data is regarding the number of desktops and laptops sold by four different shops A, B, C and D.

Shops	Number of laptops sold	Number of Desktops sold
A	350	200
B	390	520
C	440	550
D	550	660

32. What is the average number of desktops sold by shops A, B and D?
(1) 450 (2) 420 (3) 440 (4) 460 (5) 500
33. What is the total number of laptops sold by shops A, B and C together?
(1) 1180 (2) 1080 (3) 1160 (4) 1140 (5) 960
34. What is the respective ratio between total number of laptops sold by shops C and D together and number of desktops sold by shop D?
(1) 8 : 5 (2) 5 : 4 (3) 3 : 2 (4) 2 : 1 (5) 9 : 7
35. The number of laptops sold by shop A is **approximately** what percent less than the number of desktops sold by shop C?
(1) 22% (2) 30% (3) 47% (4) 42% (5) 36%
36. What is the difference between the total number of laptops sold by shops B and D together and number of desktops sold by shop C?
(1) 460 (2) 390 (3) 330 (4) 420 (5) 340
37. A Vessel contains 90 litres of juice. 15 litres of juice is taken out of the vessel and 35 litres of water is added in the vessel. What is the respective ratio between water and juice in the resultant mixture in the vessel?
(1) 2 : 15 (2) 7 : 15 (3) 3 : 5 (4) 8 : 15 (5) 4 : 5
38. Mr. Rohit after spending 20% of his monthly salary on buying groceries and 15% on paying EMI, gave 50% of the remaining salary to his father. If he was left with Rs.19,500, how much is his monthly salary?
(1) Rs.75,000 (2) Rs.48,000 (3) Rs.76,000 (4) Rs.60,000 (5) Rs.65,000

Direction (Qs.39-53): What will come in the place of question mark (?) in the given question?

39. $1200 + 568 \div 8 - 35 = ?$
(1) 1458 (2) 1294 (3) 1236 (4) 1352 (5) 1540
40. $12\% \text{ of } 2400 + 73\% \text{ of } 3500 = ?$
(1) 2843 (2) 2834 (3) 2839 (4) 2743 (5) 2734

41. $\sqrt{53.29} + \sqrt{4.84} - ? = \sqrt[3]{4.913}$
 (1) 8.8 (2) 7.8 (3) 5.7 (4) 7.5 (5) 8.7
42. $256 \div 2^4 \times 32 = 2^?$
 (1) 7 (2) 8 (3) 9 (4) 0 (5) 6
43. $\sqrt{?} \times 3.7 = (43.987 + 30.013) \div 0.5$
 (1) 160 (2) 1600 (3) 150 (4) 1500 (5) 1609
44. $16000 \div 40 \times \frac{3}{4}$ of $4 + ? = 1200.5$
 (1) $\frac{1}{3}$ (2) $\frac{1}{2}$ (3) 0.6 (4) 0.4 (5) $\frac{2}{3}$
45. $(3^3)^5 \div 3^{3^3} \times (81)^3 \times \sqrt{2.3} = (2.3)^{\sqrt{?}}$
 (1) 0.5 (2) 0.75 (3) 0.25 (4) 0.64 (5) 25
46. 13.5% of 200 + 29.35% of 40 - 43.8% of 2.5 = ?
 (1) 37.645 (2) 37.465 (3) 37.546 (4) 38.645 (5) 36.465
47. $\sqrt[3]{?} + 37.3125 - 51.6875 = -3.375$
 (1) 169 (2) 1331 (3) 121 (4) 1.331 (5) 144
48. $\sqrt{?}\%$ of 5000 of 0.00488 = 2.44
 (1) 100 (2) 10 (3) 1000 (4) 20 (5) 400
49. $4.84 \div 0.484 \times 25$ of 0.04 = ?
 (1) 10 (2) 5 (3) 4 (4) 5 (5) 100
50. $780 \div 12 \times 5 + 45 = ?$
 (1) 290 (2) 350 (3) 370 (4) 430 (5) 450
51. 65% of 550 $\times 4 = 877 + ?$
 (1) 478 (2) 688 (3) 756 (4) 553 (5) 685
52. $(9834.5 + 235.7 - 70.2) \div 25 = ?$
 (1) 224 (2) 188 (3) 192 (4) 256 (5) 400
53. $(1487 + 925) \div 6 = ?^2 + 2$
 (1) 25 (2) 22 (3) 20 (4) 17 (5) 14
54. Four years hence, the respective ratio between Vijay's age and Faf's age will be 10 : 11. If Faf's age 12 years ago was 28 years, what is Vijay's present age? (in years)
 (1) 36 (2) 22 (3) 28 (4) 35 (5) 30
55. The simple interest on a certain sum of money for 4 years at 14% p.a. is Rs.1400. Had the rate of interest been 15% p.a., what would have been the amount received after 5 years?
 (1) Rs.4785 (2) Rs.4375 (3) Rs.4675 (4) Rs.4657 (5) Rs.4857

Direction (Qs.56-60): What will come in place of question mark (?) in the given number series?

56. 10000 2000 400 80 16 ?
(1) 3.2 (2) 6.4 (3) 9.6 (4) 12 (5) 8
57. 91 93 96 101 108 ?
(1) 114 (2) 115 (3) 117 (4) 110 (5) 119
58. 88 89 93 102 ? 143
(1) 115 (2) 123 (3) 118 (4) 117 (5) 122
59. 8 8.5 17.5 53 212.5 ?
(1) 1046 (2) 1045 (3) 1072 (4) 1067 (5) 1063
60. 3 6 15 45 157.5 ?
(1) 645 (2) 630 (3) 560 (4) 600 (5) 650
61. A certain sum of money is divided between Adil and Carrey in the ratio 7 : 6 respectively. If half of Adil's share is Rs.850 less than Carrey's total share, what was the sum of money?
(1) Rs.4880 (2) Rs.4120 (3) Rs.4420 (4) Rs.3480 (5) Rs.4450
62. An article was marked up by 30% and then sold at a discount of 20%. If the cost price of the article was Rs.1800, what was the profit percent earned while selling the article?
(1) 9% (2) 6% (3) 12% (4) 4% (5) 15%
63. Inlet A alone takes 16 hours to fill the tank completely and outlet B alone takes 40 hours to empty a full tank completely. If A and B were opened simultaneously, how much time will it take to completely fill the tank which is 25% full? (in hours)
(1) 30 (2) 15 (3) 25 (4) 20 (5) 28
64. The base of a triangle is 3 m more than the radius of the circle. If radius of the circle measures 14 m and height of triangle is 20 m, what is the respective ratio between the numerical value of area of the triangle and numerical value of circumference of the circle?
(1) 9 : 44 (2) 79 : 44 (3) 9 : 88 (4) 27 : 89 (5) 85 : 44
65. The speed of a boat in still water is 22 km/hr and speed of the current is 3 km/hr. What is the difference between the distance travelled by the boat downstream in 1 hour 30 minutes and that travelled upstream in 2 hours? (in km)
(1) 4 (2) 2 (3) 0.5 (4) 6 (5) 1.5

TEST-III
REASONING ABILITY

Direction (Qs.66-70): Study the following information carefully and answer the questions given below:

Eight people are standing in a straight line facing north with equal distance between them. Less than two people stand to the right of E. Only two people stand between E and F. As many people stand to the left of F as to the right of H. B is an immediate neighbour of H. Only one person stands between B and C. G stands at one of the positions to the right of C. A stands to the immediate right of D.

66. How many people stand between G and H?
(1) Four (2) Three (3) Five (4) One (5) Two
67. What is the position of A with respect to F?
(1) Immediate left (2) Immediate right (3) Third to the right
(4) Second to the left (5) Second to the right
68. Which of the following pairs represents the people standing at the extreme ends of the line?
(1) E, D (2) D, B (3) C, E (4) B, A (5) A, C
69. If all of the given people are made to stand as per the English alphabetical order from left to right, the position/s of how many people will remain unchanged?
(1) One (2) None (3) Three (4) More than three (5) Two
70. As many people stand to the right of D as to the left of _____.
(1) B (2) C (3) G
(4) E (5) None of those given as options

Direction (Qs.71-73): Study the following information carefully and answer the questions given below:

Each of six boxes A, B, C, D, E and F is of a different weight. D is heavier than F but lighter than A and E. F is not the lightest box. C is heavier than A but not the heaviest. The second heaviest box weighs 72 kg. F weighs 41 kg. (**Note:** All weights are in whole numbers only.)

71. If the sum of the weights of box C and box E is 155 kg then the difference between the weights of box E and box F is _____ kg.
(1) 56 (2) Can't say (3) 114 (4) 42 (5) 31
72. Which of the following boxes possibly weighs 59 kg?
(1) Either 'E' or 'C' (2) B (3) E
(4) C (5) Either 'A' or 'D'
73. How many boxes are lighter than box B?
(1) One (2) Three (3) Two
(4) More than three (5) None, as B is the lightest
74. How many such pairs of letters are there in the word 'ANSWER' 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) Three (3) Two (4) More than three (5) None

75. Out of five friends A, B, C, D and E each of a different height, A is taller than B. B is shorter than C but taller than D and E. E is not the shortest. How many friends are taller than E?
(1) None (2) One (3) Three (4) Two (5) More than three

Direction (Qs.76-80): Study the following information carefully and answer the questions given below:

Eight people bought eight different things on eight different occasions consecutively one after the other. No other person bought a thing on any other occasion. Only four people bought a thing between A and B. Only two people bought a thing between B and C. Only two people bought a thing between C and D. B was not the first person to buy a thing. As many people bought a thing before D as after E. More than three people bought a thing between E and F. G bought a thing on one of the occasions after E but before H.

76. As per the given arrangement, how many people bought a thing between G and C?
(1) One (2) Three (3) None (4) Two (5) More than three
77. As per the given arrangement, who amongst the following was the last person to buy a thing?
(1) E (2) C (3) A (4) D (5) H
78. Which of the following statements is **TRUE** based on the given arrangement?
(1) More than two people bought a thing before B
(2) Only three people bought a thing after C
(3) F bought a thing on one of the occasions before B
(4) None of the given statements is true
(5) No one bought a thing between G and E
79. As per the given arrangement, as many people bought a thing before G as after _____.
(1) A (2) C (3) F (4) H (5) B
80. Four of the following five are alike in a certain way based on their positions as per the given arrangement and thus they form a group. Identify the one which does not belong to the group.
(1) CA (2) EG (3) FD (4) BH (5) AE
81. If only one meaningful four letter English word can be formed using the first, fifth, sixth and ninth letters (when counted from left to right) of the word 'ELOCUTION' (using each letter only once) what would be the third letter of the word so formed from the left? If no such word can be formed mark 'X' as your answer and if more than one such words can be formed then mark 'Z' as your answer.
(1) X (2) E (3) Z (4) N (5) T

Direction (Qs.82-85): Study the following arrangement carefully and answer the questions given below:

T 2 Ψ W 8 Z P ♣ Q 3 S Δ F 9 @ C 6 K # 5 L M 7 4 B

82. Which of the following is eleventh to the left of 'M' in the given arrangement?
(1) Δ (2) Q (3) S (4) 3 (5) P
83. Which of the following is the sixth element to the left of the fourteenth element from the left end of the given arrangement?
(1) ♣ (2) Q (3) 3 (4) P (5) Z

84. How many such numbers are there in the given arrangement each of which is immediately preceded by a letter and also immediately followed by a symbol?
 (1) One (2) Two (3) More than three
 (4) Three (5) None
85. How many letters are there in the English alphabetical order between the seventh element from the left end and the eighth element from the right end of the given arrangement?
 (1) 8 (2) 6 (3) 7 (4) 5 (5) 4

Direction (Qs.86-90): Study the following information carefully and answer the questions given below:

Eight conferences were conducted on either 7th or 22nd in one of the month's viz., April, June, July and September of the same year. Thus only one conference was conducted on each date and only two conferences were conducted in each month. No other conference was conducted on any other date in any other month of the given year.

Y was conducted in a month having 31 days. Only two conferences were conducted between Y and Z. T was conducted immediately after Z. As many conferences were conducted before T as after S. Only three conferences were conducted between S and R. U was conducted immediately after X. W was conducted in one of the months before U.

86. Four of the following five are alike in a certain way based on the given arrangement and thus they form a group. Which one of the following does not belong to that group?
 (1) ZS (2) SU (3) RZ (4) TY (5) WT
87. Which of the following conferences was/were conducted between Y and U?
 (1) Only T (2) Both T and Z (3) Only X (4) Only Z (5) Both T and X
88. Which of the following conferences was conducted on 7th September?
 (1) X (2) Z (3) T (4) R (5) W
89. How many conferences were conducted after U?
 (1) More than three (2) Three (3) Two
 (4) One (5) None
90. Which of the following statements is true as per the given information?
 (1) No conference was conducted between R and X.
 (2) None of the given statements is true
 (3) Y was conducted on an odd numbered date
 (4) Y was conducted immediately before X
 (5) W was conducted on one of the dates after S

Direction (Qs.91-95): The following questions are based on the five 3-letter words given below:

POT TAR KIT BIG FOG

91. If the given words are arranged in the order as they would appear in the English dictionary from left to right, which of the following will be the second word from the right?
 (1) KIT (2) TAR (3) POT (4) BIG (5) FOG
92. How many letters are there in the English alphabetical order between the second letter of the first word from the left and third letter of the third word from the left?
 (1) Two (2) None (3) Three (4) One (5) More than three

93. If all the letters in each of the given words are rearranged as per the English alphabetical order within the word, in how many words thus formed the second alphabet will not be a vowel? (Note: The words formed after performing the said operations may or may not necessarily be meaningful English words)
- (1) None (2) Two (3) One
(4) More than three (5) Three
94. If the letter 'S' is added before each of the given words, how many meaningful English words will be formed?
- (1) Three (2) None (3) More than three
(4) Two (5) One
95. If in each of the given words, each consonant is changed to the previous letter as per the English alphabetical order and each vowel is changed to the next letter as per the English alphabetical order, in how many words thus formed will only one vowel appear? (Note: The words formed after performing the said operations may or may not necessarily be meaningful English words)
- (1) None (2) Three (3) More than three
(4) One (5) Two

Direction (Qs.96-100): Study the following information carefully and answer the questions given below:

In a certain code language,
'jump off the cliff' is written as 'la ku vl se'
'all will jump now' is written as 'bs ab ku ro'
'cliff will fall off' is coded as 'se vl dx ro'
'after all the fall' is coded as 'dx mp la bs'
(Note: All the codes are two letters codes only)

96. If in the given code language, 'snow will fall' is coded as 'dx fh ro' then what will be the code for 'after snow' in the given code language?
- (1) ab dx (2) fh mp (3) bs ro (4) la fh (5) mp ab
97. What is the code for 'jump' in the given code language?
- (1) ku (2) la (3) vl (4) ab (5) bs
98. What does the code 'ab bs' stand for in the given code language?
- (1) will jump (2) all now (3) all fall (4) fall jump (5) after now
99. What does the code 'se' stand for in the given code language?
- (1) the (2) Either 'will' or 'now' (3) will
(4) fall (5) Either 'cliff' or 'off'
100. What many be the code for 'the justice' in the given code language?
- (1) ye ab (2) ku ye (3) tu la (4) vl la (5) mp tu

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ANSWERS

1. **Ans (4):** It regretted not being as tall as the other trees of the forest
2. **Ans (3):** The fir tree did not know where the tree which had been cut down were being taken
3. **Ans (4):** No one in the forest cared for the fir tree
4. **Ans (3): embarrassed**
Mortified (Adjective) = very embarrassed; ashamed.
Look at the sentence: She was absolutely mortified to hear her son swearing at the teacher.
Withstand (Verb) = bear; to be strong enough not to break, give up, be damaged etc.
5. **Ans (5):** The sunshine
6. **Ans (1):** The woodcutters would visit the forest every autumn to cut down the trees
7. **Ans (3):** Only (C)
8. **Ans (5): trembled**
Shudder (verb) = to suddenly shake hard; tremble.
Look at the sentence: The sight of so much blood made him shudder.
Sanction (Verb) = to give official permission for something.
9. **Ans (4): hardly be identified**
Recognise (Verb) = to know someone because you have seen that person or thing before; identify.
Scarcely (Adverb) = only just; almost not; hardly.
10. **Ans (1): best**
Look at the structure: One of + the + Adjective (superlative degree)
11. **Ans (2): from**
Learn (Verb) = to get knowledge, a skill etc. from somebody/something.
Look at the sentence: He is not afraid to learn **from** his mistakes.
12. **Ans (1): attacked**
Attack (Verb) = to try to hurt or defeat using violence.
Upset (Verb) = to make somebody worry or feel unhappy.
13. **Ans (4): since**
We use **since** as a subordinating conjunction to introduce a subordinate clause. We use it to give a reason for something.
Though (Conjunction) = in spite of the fact that.
Yet (Adverb/Conjunction) = still; until the present time.
14. **Ans (2): called**
Call out = to shout and to talk loudly to get someone's attention.
15. **Ans (1): resided**
The passage relates to the past. **Reside (Verb)** = to live, have your home or stay in a place.
Pretend (Verb) = pose; to give a false appearance of being, possessing, or performing; feign.

16. **Ans (4): splashed**
Splash (Verb) = to move in water so that drops of it go in all directions.
Distress (Verb) = to make somebody very upset or unhappy.
17. **Ans (1): wondered**
Miss (Verb) = to not see, hear, understand etc. somebody/something.
Wonder (Verb) = to feel or express great surprise at something; express a wish to know about something.
18. **Ans (2): escape**
Escape (Noun) = the act of successfully getting out of a bad situation; get away. Here singular noun should be used.
19. **Ans (2): insisting**
Insist (Verb) = to say firmly or demand forcefully.
Dominate (Verb) = to be more powerful; important or noticeable than others.
20. **Ans (4): burst**
Burst (Verb) = to break open suddenly and violently.
Withhold (Verb) = to keep back something.
21. **Ans (2): handle**
Handle (Verb) = to deal with
22. **Ans (1): D**
To modify a verb, an adverb is used. Hence, the lion bravely.... Should be used here.
23. **Ans (1): C**
The sentence shows past time. Hence, past participle i.e., followed by a speech.. should be used.
24. **Ans (4): A**
Advent (Noun) = a coming into being or use.
Look at the sentence: Life was transformed by the advent of the steam engine.
Hence with the advent of online payments... should be used here.
25. **Ans (4): No error**
26. **Ans (3): D**
Here, Noun i.e., officials from all ... should be used. Subject + Verb + Object
27. **Ans (4): C**
Here, Gerund i.e., thus leading to several respiratory... should be used.
28. **Ans (2): ECADB**
The merchant and his friends then began living on trees and came to be known as monkeys.
29. **Ans (2): DEBAC**
The shepherd owned a faithful dog, called Sultan who had grown very old and had lost all his teeth.
30. **Ans (3): CEADB**
The old woman worked hard to feed herself and her grandson but he was ungrateful.

31. **Ans (4): Rs.1020**

Ratio of the shares of A and B = 6800 : 17200 = 17 : 43

Sum of the terms of ratio = 17 + 43 = 60

$$A's \text{ share} = \left(\frac{17}{60} \times 3600 \right) = \text{Rs.1020}$$

32. **Ans (4): 460**

Required average number of desktops sold by shops A, B and D

$$= \frac{200 + 520 + 660}{3} = \frac{1380}{3} = 460$$

33. **Ans (1): 1180**

Required sum = 350 + 390 + 440 = 1180

34. **Ans (3): 3 : 2**

Required ratio = (550 + 440) : 660 = 990 : 660 = 3 : 2

35. **Ans (5): 36%**

$$\text{Required percent} = \left(\frac{550 - 350}{550} \right) \times 100 = \frac{200 \times 100}{550} = \frac{400}{11} \approx 36\%$$

36. **Ans (2): 390**

Required difference = (390 + 550) - 550 \Rightarrow 940 - 550 = 390

37. **Ans (2): 7 : 15**

Remaining quantity of juice = 90 - 15 = 75 litres

Required ratio = 35 : 75 = 7 : 15

38. **Ans (4): Rs.60,000**

Expenditure on grocery and EMI payment = 35%

Remaining salary = 100 - 35 = 65%

$$\text{Amount given to father} = \left(65 \times \frac{50}{100} \right) \% = 32.5\%$$

$$32.5\% \equiv \text{Rs.19500} \Rightarrow 100\% \equiv \frac{19500}{32.5} \times 100 = \text{Rs.60000}$$

39. **Ans (3): 1236**

$$? = 1200 + \frac{568}{8} - 35 = 1200 + 71 - 35 = 1236$$

40. **Ans (1): 2843**

$$? = \frac{12 \times 2400}{100} + \frac{73 \times 3500}{100} = 288 + 2555 = 2843$$

41. **Ans (2): 7.8**

$$7.3 + 2.2 - ? = 1.7 \Rightarrow 9.5 - ? = 1.7 \Rightarrow ? = 9.5 - 1.7 = 7.8$$

42. **Ans (3): 9**

$$\frac{256}{16} \times 32 = 2^? \Rightarrow 512 = 2^9 = 2^? \Rightarrow ? = 9$$

43. **Ans (2): 1600**

$$\sqrt{?} \times 3.7 = 74 \times 2 = 148 \Rightarrow \sqrt{?} = \frac{148}{3.7} = 40 \Rightarrow ? = 40 \times 40 = 1600$$

44. **Ans (2): $\frac{1}{2}$**

$$16000 \div 40 \times 3 + ? = 1200.5 \Rightarrow 400 \times 3 + ? = 1200.5 \\ \Rightarrow ? = 1200.5 - 1200 = 0.5 = \frac{1}{2}$$

45. **Ans (3): 0.25**

$$\frac{3^{15}}{3^{27}} \times (3^4)^3 \times (2.3)^{\frac{1}{2}} = (2.3)^{\sqrt{?}} \Rightarrow (2.3)^{\frac{1}{2}} = (2.3)^{\sqrt{?}} \\ \Rightarrow \sqrt{?} = \frac{1}{2} \Rightarrow ? = \frac{1}{4} = 0.25$$

46. **Ans (1): 37.645**

$$? = \frac{13.5 \times 200}{100} + \frac{29.35 \times 40}{100} - \frac{43.8 \times 2.5}{100} \Rightarrow ? = 27 + 11.74 - 1.095 = 37.645$$

47. **Ans (2): 1331**

$$\sqrt[3]{?} - 14.375 = -3.375 \Rightarrow \sqrt[3]{?} = 14.375 - 3.375 = 11 \\ \Rightarrow ? = 11 \times 11 \times 11 = 1331$$

48. **Ans (1): 100**

$$\frac{\sqrt{?}}{100} \times 5000 \times 0.00488 = 2.44 \Rightarrow \sqrt{?} \times 0.244 = 2.44 \\ \Rightarrow \sqrt{?} = \frac{2.44}{0.244} = 10 \Rightarrow ? = 10 \times 10 = 100$$

49. **Ans (1): 10**

$$? = 4.84 \times \frac{1}{0.484} \times (25 \times 0.04) = 10 \times 1 = 10$$

50. **Ans (3): 370**

$$? = \frac{780}{12} \times 5 + 45 = 325 + 45 = 370$$

51. **Ans (4): 553**

$$\frac{65 \times 550 \times 4}{100} = 877 + ? \Rightarrow 1430 = 877 + ? \Rightarrow ? = 1430 - 877 = 553$$

52. **Ans (5): 400**

$$? = (9834.5 + 235.7 - 70.2) \div 25 = 10000 \div 25 = 400$$

53. **Ans (3): 20**

$$2412 \div 6 = ?^2 + 2 \Rightarrow 402 - 2 = ?^2 \Rightarrow ?^2 = 400 \Rightarrow ? = \sqrt{400} = 20$$

54. **Ans (1): 36**

4 years hence,

Vijay's age = $10x$ years

Faf's age = $11x$ years

Present age of Faf's $\Rightarrow 11x - 4 = 28 + 12 \Rightarrow 11x = 44 \Rightarrow x = 4$

\therefore Vijay's present age = $(10x - 4) \Rightarrow (10 \times 4 - 4) = 36$ years

55. **Ans (2): Rs.4375**

$$\text{Principal} = \frac{\text{Interest} \times 100}{\text{Time} \times \text{Rate}} = \frac{1400 \times 100}{4 \times 14} = \text{Rs.2500}$$

Case II,

$$\text{Interest} = \frac{2500 \times 5 \times 15}{100} = \text{Rs.1875}$$

Amount received = Rs. $(2500 + 1875) = \text{Rs.4375}$

56. **Ans (1): 3.2**

$$\begin{array}{cccccc} 10000 & 2000 & 400 & 80 & 16 & 3.2 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & \div 5 & \div 5 & \div 5 & \div 5 & \div 5 \end{array}$$

57. **Ans (5): 119**

$$\begin{array}{cccccc} 91 & 93 & 96 & 101 & 108 & 119 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & +2 & +3 & +5 & +7 & +11 \end{array}$$

58. **Ans (3): 118**

$$\begin{array}{cccccc} 88 & 89 & 93 & 102 & 118 & 143 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & +1^2 & +2^2 & +3^2 & +4^2 & +5^2 \end{array}$$

59. **Ans (5): 1063**

$$\begin{array}{cccccc} 8 & 8.5 & 17.5 & 53 & 212.5 & 1063 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & \times 1+0.5 & \times 2+0.5 & \times 3+0.5 & \times 4+0.5 & \times 5+0.5 \end{array}$$

60. **Ans (2): 630**

$$\begin{array}{cccccc} 3 & 6 & 15 & 45 & 157.5 & 630 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ & \times 2 & \times 2.5 & \times 3 & \times 3.5 & \times 4 \end{array}$$

61. **Ans (3): Rs.4420**

Adil's share = Rs. $7x$

$$6x - \frac{7x}{2} = 850 \Rightarrow 12x - 7x = 850 \times 2 \Rightarrow 5x = 1700$$

$$\Rightarrow x = \frac{1700}{5} = 340$$

Required sum = $13x = 13 \times 340 = \text{Rs.4420}$

62. **Ans (4): 4%**

C.P of article = Rs.1800

$$\text{Its M.P} = \frac{1800 \times 130}{100} = \text{Rs.2340}$$

$$\text{Its S.P} = \frac{2340 \times 80}{100} = \text{Rs.1872}$$

$$\text{Profit percentage} = \frac{1872 - 1800}{1800} \times 100 = \frac{72}{18} = 4\%$$

63. **Ans (4): 20**

When both pipes are opened simultaneously, part of tank filled in one hour

$$= \frac{1}{16} - \frac{1}{40} = \frac{5-2}{80} = \frac{3}{80}$$

$$\text{Time taken in filling the tank completely} = \frac{80}{3} \text{ hours}$$

$$\text{Time taken in filling 75\% i.e., } \frac{3}{4} \text{ th part of tank} = \frac{80}{3} \times \frac{3}{4} = 20 \text{ hours}$$

64. **Ans (5): 85 : 44**

Circumference of circle = $2\pi r$

$$\Rightarrow 2 \times \frac{22}{7} \times 14 = 88 \text{ m}$$

Base of triangle = $(14 + 3) = 17 \text{ m}$

$$\text{Area of triangle} = \frac{1}{2} \times \text{base} \times \text{height} = \frac{1}{2} \times 17 \times 20 = 170 \text{ sq.m}$$

Required ratio = $170 : 88 = 85 : 44$

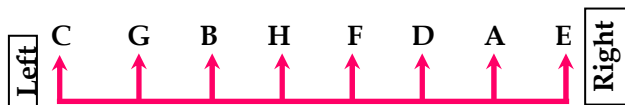
65. **Ans (3): 0.5**

Rate downstream of boat = $(22 + 3) = 25 \text{ kmph}$

Rate upstream of boat = $(22 - 3) = 19 \text{ kmph}$

$$\text{Required difference} = \left(19 \times 2 - 25 \times \frac{3}{2} \right) = (38 - 37.5) = 0.5 \text{ km}$$

For (Qs.66-70):



Less than two person stands to the right of E means one or none person stands to the right of E.

66. **Ans (4): One**

Only B stands between G and H.

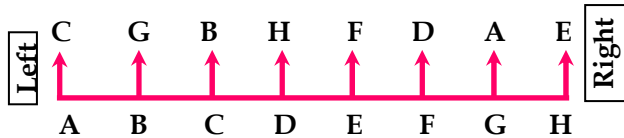
67. **Ans (5): Second to the right**

A is second to the right of F.

68. **Ans (3): C, E**

C and E stand at the extreme ends of the line.

69. **Ans (2): None**



70. **Ans (1): B**

Two persons stand to the right of D as to the left of B.

For (Qs.71-73):

Weight order: $E > C (72 \text{ kg}) > A > D > F (41 \text{ kg}) > B$

71. **Ans (4): 42**

$$C + E = 155 \Rightarrow E = 155 - 72 = 83 \text{ kg.}$$

$$E - F = 83 - 41 = 42 \text{ kg.}$$

72. **Ans (5): Either 'A' or 'D'**

The possible weight of either 'A' or 'D' is 59 kg.

73. **Ans (5): None, as B is the lightest**

Box B is the lightest one.

74. **Ans (3): Two**



75. **Ans (3): Three**

$$A > B$$

$$C > B > D, E$$

E is not the shortest

$$A, C > B > E > D$$

Clearly, three friends A, C and B are taller than E.

For (Qs.76-80):

Person
E
B
G
H
C
F
A
D

76. **Ans (1): One**

Only H bought a thing between G and C.

77. **Ans (4): D**

D was the last person to buy a thing.

78. **Ans (2): Only three people bought a thing after C**
Only three people bought a thing after C is true.
79. **Ans (3): F**
Only two people bought a thing before G as after F.
80. **Ans (5): AE**
Except AE, in all other pairs only one person bought a thing between the given persons. Five persons B, G, H, C and F bought a thing between A and E.
81. **Ans (4): N**
Specified letters \Rightarrow E, U, T, N
Meaningful word \Rightarrow TUNE
Its third letter from the left \Rightarrow N
82. **Ans (3): S**
11th to the left of M is S.
83. **Ans (1): ♣**
6th to the left of the 14th element from the left end means 8th from the left end i.e., ♣
84. **Ans (2): Two**
Letter/Number/Symbol
Such combinations are: T 2 Ψ and F 9 @
85. **Ans (5): 4**
7th element from the left end \Rightarrow P
8th element from the right end \Rightarrow K
K ~ P = 4 (K L M N O P)

For (Qs.86-90):

Month	Date	
	7 th	22 nd
April (30)	R	W
June (30)	Z	T
July (31)	S	Y
September (30)	X	U

86. **Ans (2): SU**
Except SU, in all other pairs only one conference was conducted between the two given conferences.
87. **Ans (3): Only X**
Only conference X was conducted between Y and U.
88. **Ans (1): X**
Conference X was conducted on 7th September.
89. **Ans (5): None**
Conference U was conducted in the last i.e., on 22nd September

90. **Ans (4): Y was conducted immediately before X**

Y was conducted immediately before X is true.

91. **Ans (3): POT**

Given words : POT TAR KIT BIG FOG

Dictionary order : BIG FOG KIT POT TAR

Second word from the right is POT.

92. **Ans (5): More than three**

2nd letter of the first word from the left (POT) = O

3rd letter of the 3rd word from the left (KIT) = T

O ~ T = 4 (O P Q R S T)

93. **Ans (4): More than three**

Given words : POT TAR KIT BIG FOG

After rearrangement : OPT ART IKT BGI FGO

94. **Ans (1): Three**

Given words : POT TAR KIT BIG FOG

After adding 'S' : SPOT STAR SKIT SBIG SFOG

Meaningful English words ⇒ SPOT, STAR and SKIT.

95. **Ans (2): Three**

Given words : POT TAR KIT BIG FOG

After changing letters : OPS SBQ JJS AJF EPF

For (Qs.96-100):

Word	jump	off/cliff	the	all	will	fall	now	after
Code	ku	se/vl	la	bs	ro	dx	ab	mp

96. **Ans (2): fh mp**

'after snow' is coded as 'fh mp'.

97. **Ans (1): ku**

'jump' is coded as 'ku'.

98. **Ans (2): all now**

The code 'ab bs' stand for 'all now'.

99. **Ans (5): either 'cliff or off'**

The code 'se' stand for either 'cliff' or 'off'.

100. **Ans (3): tu la**

'the justice' is coded as 'tu la'.

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