

SBI Clerk Memory Based Question Paper 2019

22nd June



already starting to move this way with the emergence of **massive** open online courses (MOOCs). Teachers can use the cloud to set, collect and grade work online. Students will have instant access to grades, comments and work via a computer, smartphone or tablet. Many schools are already doing this.

The cloud can also encourage independent learning. Teachers could **adopt** a flipped-classroom approach more often. Students will take ownership of their own learning. Teachers can put resources for students online for students to use. These could be videos, documents, audio podcasts or interactive images. All of these resources can be accessed via a student's computer, smartphone or tablet. What we must remember is that when schools adopt new technology and services, they must be evaluated. This way, as a school, you know if they are successful and what improvements are needed. The staff will also need training, you can't expect staff to use new technology if they are not confident users or creators. Any initiative is doomed to failure without well trained, confident staff who can see how technology can support and benefit teaching and learning. Plenty of schools have already embraced this, but there's still a way to go to **ensure** all schools are ready for the future of technology. It is time for all schools to embrace the cloud.

Source:

<https://www.theguardian.com/teacher-network/teacher-blog/2013/jun/19/technology-future-education-cloud-social-learning>

11. Which of the following is the most opposite in meaning to the word "Massive" as used in the passage?
A. Insignificant B. Prominent
C. Proactive D. Vast
E. Sagacious

12. Which of the following can replace the word "Ensure" as given in the passage?
A. To magnify B. Make enough
C. To make sure D. Unstoppable
E. To Give up

13. Which of the following is similar in meaning to the word "Adopt" as used in the passage?

- A. Embrace B. Deceptive
- C. Judicious D. Foster
- E. Triumph

14. In which of the following ways will cloud technology assist students to attain education?

- A. By providing access to videos, documents, interactive images, etc.
- B. All of the given options.
- C. By providing instant access to grades, comments and work.
- D. By providing the students with an opportunity to learn independently.
- E. None of the given options.

15. Which of the following is/are (a) prerequisite(s) for the cloud technology to serve better as given in the passage?

- A) Well trained and confident staff who are well acquainted with the technology.
 - B) The schools must be adequately aided by the respective governments.
 - C) Schools well equipped with a fast-robust internet connection and strong internet servers.
- A. Only A B. Only B
 - C. Only C D. Both A and C
 - E. All of the above

16. Which of the following options represent the category of students mentioned in the phrase 'traditional cohort of student'?

- I. Students who join the open online courses.
 - II. Students who gather information from online sources.
 - III. Students who come to school and attend classes.
- A. Only I B. Only II
 - C. Only III D. Both I and III
 - E. Both I and II

17. Which of the following support the need for evaluation, after the schools adopt new technology and services?

- A. To train the staff and make them familiar with the usage of the new devices.

- B. To understand the need of students accessing the content via online mediums.
- C. To track the rate of growth of the school in terms of student enrolment.
- D. To know if the technology is successful and figure out the required improvements.
- E. None of the above

18. In what way technology can act as a barrier to teaching and learning?
- A. At present, Technology is incapable to handle the provision of online education.
 - B. The schools are against the non-traditional method of teaching i.e. online teaching.
 - C. Technology can be a medium to provide content, but learning cannot be imparted through it.
 - D. Access to a personal computer is a luxury not available to many students.
 - E. Not stated in the passage.

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

19. In ancient day (1)/ children were told stories (2)/ to impart wisdom (3)/ and to increase their knowledge. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

Direction (20 – 25) : Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

20. Four of the seven (1)/ man have since been (2)/ executed, and one killed (3)/ himself to avoid capture. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

21. To prepare for the role, (1)/ the actor met the people who (2)/ had worked in close association(3)/ with the former Prime Minister. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

22. An efficiency staff of workers (1)/ replenished the trays of (2)/ appetizers almost as (3)/ quickly as the guests emptied them. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

23. The earth's crust float over (1)/ a core of molten rock and some (2)/ of its parts have a tendency to (3)/ move with respect to one another. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

24. She has a deep regard (1)/ for humanitarian aid (2)/ workers who risk (3)/ everything to help poor. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

25. The army quick (1) repressed the rebellion (2)/ in the provincial city (3)/ and restored order. (4)
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. No error

Direction (26 – 30) : Rearrange the following six sentences, (A), (B), (C), (D), (E) and (F), in a proper sequence to form a meaningful paragraph, then answer the questions that follow.

- A. During the construction of both type of buildings, a lot of fuel is burnt due to which a large amount of carbon dioxide is emitted in the atmosphere.
- B. The major source of carbon dioxide is power plants.
- C. Another twenty percent of carbon dioxide emitted in the atmosphere comes from burning of gasoline in the engines of vehicles.
- D. Buildings, both commercial and residential represent a larger source of

global warming pollution than the said cars and trucks.

E. The major cause of global warming is the emission of greenhouse gases like carbon dioxide, methane, nitrous oxide, etc, into the atmosphere.

F. These power plants emit large amounts of carbon dioxide produced from burning of fossil fuels for the purpose of electricity generation.

26. Which of the following would be the SECOND sentence after rearrangement?

- A. E
- B. B
- C. C
- D. D
- E. A

27. Which of the following would be the THIRD sentence after rearrangement?

- A. A
- B. B
- C. C
- D. D
- E. F

28. Which of the following would be the FIRST sentence after rearrangement?

- A. A
- B. B
- C. C
- D. D
- E. E

29. Which of the following would be the SIXTH sentence after rearrangement?

- A. A
- B. B
- C. C
- D. D
- E. E

30. Which of the following would be the FOURTH sentence after rearrangement?

- A. A
- B. B
- C. C
- D. D
- E. E

Direction (31 – 43) : What value will come in place of the question mark (?) in the following question?

31. $\sqrt{576} + \sqrt{?} = \sqrt{1764}$
- A. 256
 - B. 196
 - C. 676
 - D. 324
 - E. 484

32. $2\frac{1}{4} \times \frac{1}{3} + ? = 5$
- A. $2\frac{1}{12}$
 - B. $4\frac{1}{3}$

- C. $4\frac{1}{4}$
- D. $4\frac{1}{12}$

- E. $2\frac{1}{7}$

33. $16\frac{7}{8} \div 1\frac{11}{16}$ of 4 = ?

- A. $4\frac{1}{2}$
- B. $2\frac{1}{4}$

- C. $2\frac{1}{2}$
- D. $4\frac{1}{4}$

- E. $3\frac{1}{8}$

34. $253 \div 11 \times ? = 124 - 32$

- A. 4
- B. 2
- C. 5
- D. 3
- E. 1

35. $42^2 + 4^2 - 484 = 6^?$

- A. 5
- B. 4
- C. 8
- D. 2
- E. 6

36. $\left(2\frac{1}{6} \div 5\frac{1}{18}\right) + ? = 7$

- A. $3\frac{1}{7}$
- B. $4\frac{1}{9}$

- C. $6\frac{1}{6}$
- D. $6\frac{4}{7}$

- E. $5\frac{1}{6}$

37. $3025 \div (? + 17) = 11^2$

- A. 6
- B. 8
- C. 3
- D. 18
- E. 13

38. ?% of 450 + 1240 = 1600

- A. 40
- B. 60
- C. 80
- D. 72
- E. 75

39. $81^3 \times 6^2 \times 18^{-2} = 3^{12-?}$

- A. 4
- B. 8
- C. 2
- D. 5
- E. 3

40. $(428 - ?) \div 16 \times 25 = 300$

- A. 276
- B. 324

C. 428
E. 236

D. 272

41. $244.28 + 22.42 + ? = 300$

A. 42.13
C. 33.3
E. 46.44

B. 44.23
D. 31.7

42. On giving a discount of 25% on the MRP of an article, the trader earns a profit of 20%. If the difference between the MRP & CP of the article is 180 Rs. What is the MRP of the article? (in Rs)

A. 400
C. 540
E. 510

B. 480
D. 420

43. Diameter of a circular field is equal to the side of a square field. If the total cost of fencing the circular field is Rs 440 (@ of Rs 5 per meter), what is the perimeter of the square fields? (in metre)

A. 104
C. 128
E. 112

B. 116
D. 88

44. A boat takes 5 hrs to travel 105 km downstream. The speed of the boat in downstream is 1.4 times of the speed of the boat in upstream. What is the speed of the current? (in kmph)

A. 3
C. 3.5
E. 5

B. 4
D. 2.5

45. Ratio of milk to water in X litres of mixture is 4:1. Half of the mixture is taken out & 24 liters of water is added to remaining mixture such that quantity of milk & water in Resultant mixture become same. What is the value of X?

A. 60 litres
C. 100 litres
E. None of these

B. 80 litres
D. 40 litres

46. Difference of two sides of rectangle is 5 cm (length > breadth). Breadth of Rectangle is equal to the side of square whose area is 144 cm^2 . Find the perimeter of rectangle.

A. 38 cm
C. 58 cm
E. None of these

B. 17 cm
D. 19 cm

47. Speed of boat in still water is 21 kmph & speed of current is 3 kmph. The boat completes round trip from A to B & then back to A in 7 hrs. Find the distance between A & B.

A. 36 km
C. 72 km
E. 144 km

B. 48 km
D. 84 km

48. Ali travels at a speed of X kmph to cover a distance of 36 km in 54 min. Shyam takes 30 mins to cover same distance. Find the difference of their speed.

A. 40 km/hr
C. 36 km/hr
E. None of these

B. 24 km/hr
D. 32 km/hr

49. Some amount is deposited at the rate of 20% compound interest per annum. Difference between interest accrued at end of 1st & 2nd year is 1200 Rs. Find the value of P?

A. 24,000 Rs.
C. 36,000 Rs.
E. None of these

B. 30,000 Rs.
D. 40,000 Rs.

50. A takes 20% more time than B and they both completes the work in $8\frac{2}{11}$ days. Find in how much time A can do the half of the work.

A. 9days
B. 18days
D. 15days

C. 12days
E. 21days

Direction (51 – 55) : Find the wrong term in given number series.

51. 12, 15, 17, 21, 26, 32, 39

A. 12
C. 17
E. 26

B. 15
D. 21

52. 6, 7, 11, 20, 32, 61, 97

A. 11
C. 32
E. 97

B. 20
D. 61

53. 5000, 250, 100, 30, 12, 6, 3.6

A. 5000
C. 100
E. 12

B. 250
D. 30

54. 120, 128, 125, 140, 130, 145, 135

A. 120
B. 128

- C. 125 D. 140
E. 130

55. 1440, 240, 48, 12, 4, 3, 2
A. 48 B. 12
C. 4 D. 3
E. 2

Direction (56 – 60) : Read carefully the following data carefully and answer the following Questions.

Number of pen sold by four stores A, B, C and D the on 5 different days of the week from Monday to Friday is given in the table.

DAY	A	B	C	D
MON	27	33	21	9
TUE	32	31	28	29
WED	38	50	34	16
THU	16	26	15	13
FRI	36	45	20	24

56. On Friday, out of total number of pen sold by stores B, C and D, 20%, 15% and 75% respectively were of brand X, what is the total number of pen of brand X sold by stores B, C and D together on Friday?
A. 50 B. 20
C. 40 D. 42
E. 30

57. Find the Average number of pens sold by store A on Monday, Tuesday and Thursday.
A. 35 B. 30
C. 25 D. 28
E. 32

58. What is the ratio between the total number of pen sold by stores B, C and D together on Monday and that sold by the same stores on Thursday?
A. 5 : 7 B. 7 : 6
C. 4 : 7 D. 7 : 5
E. 6 : 5

59. On Saturday the number of pen sold by store A was $\frac{5}{9}$ th of that sold on Friday by the same store. What was the number of pen sold by store A on Saturday?
A. 10 B. 15
C. 20 D. 25

- E. 23

60. What is the difference between number of pen sold by store A on Wednesday and the total number of pen sold by stores C and D on the same day?
A. 10 B. 15
C. 12 D. 14
E. 16

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

61. $x^2 + 5x + 4 = 0$
 $y^2 + 4y + 3 = 0$
A. If $X > Y$ B. If $X < Y$
C. If $X \geq Y$ D. If $X \leq Y$
E. If $X=Y$ or No relation can be established

Direction (62 – 66) : In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

62. $(x - 9)^2 = 0$
 $Y = \sqrt{81}$
A. $X > Y$ B. $X < Y$
C. $X \geq Y$ D. $X \leq Y$
E. $X=Y$ or No relation can be established

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

63. $6x^2 + 5x + 1 = 0$
 $15y^2 + 8y + 1 = 0$
A. If $X > Y$ B. If $X < Y$
C. If $X \leq Y$ D. If $X \geq Y$
E. If $X=Y$ or No relation can be established

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

64. $x^2 - 7x + 10 = 0$
 $y^2 - 5y + 6 = 0$
A. If $X > Y$ B. If $X < Y$
C. If $X \geq Y$ D. If $X \leq Y$
E. If $X=Y$ or No relation can be established

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

$$65. x + 18 = 32$$

$$y^2 = 196$$

- A. If $X > Y$ B. If $X < Y$
 C. If $X \geq Y$ D. If $X \leq Y$
 E. If $X=Y$ or No relation can be established

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

Ten people are sitting in two parallel rows having five people in each row, in such a way that there is an equal distance between adjacent persons. In row 1 - A, B, C, D and E are seated (but not necessarily in the same order) and all of them are facing north. In row 2 - P, Q, R, S and T 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.

E sits second from one of the extreme ends. Only one person sits between the one who faces E and P. R sits to the immediate right of P. As many people sit to the right of R as to the right of B. D sits second to the left of B. The one who faces D sits to the right of S. Two people sit between S and Q. The one who faces Q is an immediate neighbour of C.

66. Who amongst the following sits second to the left of the person who faces P?

- A. C B. D
 C. E D. A
 E. None of these

67. 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?

- A. T B. R
 C. A D. D
 E. Q

68. Which of the following is true regarding C?

- A. C sits second to the left of E
 B. C sits opposite to that of S
 C. Three people sit between the one who faces C and T
 D. Two people sit between C and D
 E. None of these

69. Who amongst the following faces R?

- A. C B. D
 C. A D. B
 E. None of these

70. How many people sit between the one who faces Q and the one who faces S?

- A. 1 B. 2
 C. 3 D. 4
 E. 5

Direction (71 – 75) : In each of the questions below are given few statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

71. **Statements:**

- Only a few tags are bags.
 Only a few bags are cubes.
 Only cubes are hugs.

Conclusions:

- I. Some cubes being tag is a possibility.
 II. All bags being tag is a possibility.
 A. If conclusion I follows
 B. If conclusion II follows
 C. Either conclusion I or conclusion II follows
 D. Neither conclusion I nor conclusion II follows
 E. Both the conclusions follow

72. **Statements:**

- Generally toys are cartoons.
 Every cartoon is play.
 Frequently cartoons are demand.
 None of the play is horrible.

Conclusions:

- I. Only plays are cartoons.
 II. All horrible being toys is a possibility.
 A. If conclusion I follows
 B. If conclusion II follows
 C. Either conclusion I or conclusion II follows

- D. Neither conclusion I nor conclusion II follows
- E. Both the conclusions follow

73. Statements:

Occasionally grass is raw.
No yolk is oval.
A few pots are grass.
All raw is yolk.

Conclusions:

- I. A few pots are raw.
- II. Some grass is not oval.
- A. If conclusion I follows
- B. If conclusion II follows
- C. Either conclusion I or conclusion II follows
- D. Neither conclusion I nor conclusion II follows
- E. Both the conclusions follow

74. Statements:

Mostly greens are earth.
A few rivers are soil.
All earth is mountain.
No mountain is river.

Conclusions:

- I. All soil being mountain is a possibility.
- II. Some greens are river.
- A. If conclusion I follows
- B. If conclusion II follows
- C. Either conclusion I or conclusion II follows
- D. Neither conclusion I nor conclusion II follows
- E. Both the conclusions follow

75. Statements:

All solids are cloud.
All solids are trains.
A few clouds are fun.
No fun is danger.

Conclusions:

- I. A few trains are definitely not fun.
- II. Some danger is cloud.
- A. If conclusion I follows
- B. If conclusion II follows
- C. Either conclusion I or conclusion II follows
- D. Neither conclusion I nor conclusion II follows
- E. Both the conclusions follow

Direction (76 - 78) : Study the following information carefully and answer the questions given below.

P is 20m to the west of Q. Q is 30m to the north of R. S is 15m west of R. T is 45m to the north of S. U is 15m to the south of P. V is 15m to the north of R.

76. What is the distance between U and V?

- A. 10m
- B. 5m
- C. 15m
- D. 20m
- E. None of these

77. In which direction is point T with respect to point R?

- A. North
- B. North-west
- C. South-east
- D. South
- E. None of these

78. If X is 5m to the east of P, then what is the distance between point X and point T?

- A. 5m
- B. 7m
- C. 12m
- D. 15m
- E. 17m

Direction (79 - 83) : Study the following information carefully and answer the questions given below.

Eight people are sitting around a circular table facing towards the centre of the table. There are two people sitting between P and Q (either left or right). R sits to the immediate right of Q. S sits second to the left of R. There are three people sitting between S and T. U is an immediate neighbour of T. Three people are sitting between U and V. W sits second to the left of V.

79. How many people are sitting between S and W when counted from the left of S?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

80. What is the position of T with respect to R?

- A. Immediate left
- B. Immediate right
- C. Second to the left
- D. Second to the right
- E. None of these

81. Who among the following are the immediate neighbours of W?

- A. P, V
- B. T, U

- C. T, V
E. T, P
- D. P, U

82. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that doesn't belong to that group?

- A. PW
C. UT
E. VP
- B. QS
D. RQ

83. Who sits to the immediate right of V?

- A. S
C. Q
E. None of these
- B. P
D. U

84. How many pairs of letters are there in the word 'PRODUCE' which have as many letters between them in the word (in both forward and backward directions) as they have between them in the english alphabetical series.

- A. One
C. Three
E. None
- B. Two
D. More than three

Direction (85 – 87) : In each of the questions, relationships between some elements are shown in the statements. These statements are followed by two conclusions numbered I and II. Read the statements and give the answer.

85. Statements:

$P < A < R \leq V; J \leq R > Z$

Conclusions:

- I. $J \leq V$
II. $Z < P$
- A. Only conclusion I is true
B. Only conclusion II is true
C. Either conclusion I or conclusion II is true
D. Neither conclusion I nor conclusion II is true
E. Both conclusion I and II are true

86. Statements:

$Q = R > S = T \leq U$

Conclusions:

- I. $T < Q$
II. $U \geq R$
- A. Only conclusion I is true
B. Only conclusion II is true
C. Either conclusion I or conclusion II is true

D. Neither conclusion I nor conclusion II is true

E. Both conclusion I and II are true

87. Statements:

$A < B = C \leq D; B < K$

Conclusions:

- I. $K > D$
II. $A < C$
- A. Only conclusion I is true
B. Only conclusion II is true
C. Either conclusion I or conclusion II is true
D. Neither conclusion I nor conclusion II is true
E. Both conclusion I and II are true

88. If it is possible to make a meaningful word, using the 2nd, 4th and 6th letters of the word 'UNILATERAL', then which letter is third letter from left of the word thus formed? If no such word is formed, mark the answer as 'X'. If more than one word can be formed mark the answer as 'Z'.

- A. Z
C. L
E. T
- B. N
D. X

Direction (89 – 93) : Study the following data carefully and answer the questions accordingly.

E ? 3 M Z 8 A 5 > 9 7 \$ T + B 6 @ I O V
E 9 U © 5

89. If all the symbols and numbers are dropped from the given arrangement and then the letters are rearranged in descending order according to dictionary then which of the following will be the eighth from the right end?

- A. O
C. V
E. None of these
- B. Z
D. T

90. What will come at a place of question mark (?) in the following series?

38Z, 579, T6B, ?

- A. 9#E
C. I#V
E. None of these
- B. @VO
D. OE#

91. Which of the following is the ninth element to the left of @?

- A. A
B. >

- C. 5
- D. 8
- E. None of these

92. If the places of the symbols which are immediately preceded by numbers are interchanged amongst themselves in the given arrangement then which of the following will be the 11th from the left end?

- A. +
- B. T
- C. \$
- D. 7
- E. None of these

93. Find the number of prime numbers which are immediately followed by a symbol and preceded by a consonant.

- A. One
- B. Four
- C. Three
- D. Two
- E. None

Direction (94 - 95) : Study the following data carefully and answer the questions accordingly.

Some pencils were distributed among six students W, X, Y, Z, A and B. A received more than only B. X received more than Z. W received more than A. W received less than Z, who received less than Y.

94. Who among them received the highest number of pencils?

- A. X
- B. Z
- C. Y
- D. Either X or Y
- E. None of these

95. How many students received less number of pencils than W?

- A. One
- B. Three
- C. Four
- D. Two
- E. Can't be determined

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

There are an uncertain number of people sitting in a row facing north. Two people sit between P and Q. S sits sixth to the

left of Q and eighth from the extreme left end of the row. R sits fourth to the left of S. There are five people sitting between R and T. U sits to the immediate left of T. The number of people sitting between U and S is same as the number of people sitting between T and V. W sits seventh to the right of V and third from one of the extreme ends.

96. How many people are there in the row?

- A. 18
- B. 19
- C. 20
- D. 21
- E. 22

97. What is the position of U from the left end?

- A. 7th
- B. 8th
- C. 10th
- D. 9th
- E. 5th

98. If X sits second to the right of T, then how many people sit between X and Q?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

99. Who sits second to the left of T?

- A. R
- B. V
- C. X
- D. Q
- E. S

100. Which of the following statement(s) is/are true?

- I. T sits to the immediate right of V.
 - II. P sits fourth from one of the extreme ends of the row.
 - III. There is more than one person sitting between S and T.
- A. Only I
 - B. Only II
 - C. Only I and II
 - D. Only II and III
 - E. All I, II and III

ANSWERS

1. Ans. A.

To retract means to withdraw a statement or accusation. The word "goon" is used to refer to a violent criminal who is paid to

hurt or threaten people and in this context, the concerned person will be forced to withdraw the complaint because of fear. Thus, "scare" is the appropriate

word for the blank. The infinitive "to" should be followed by the base form of the verb. Hence, options D and E can be eliminated.

"Goons" is a plural subject, thus, a singular verb "stalls" cannot be used. "Render" is incorrect in the given context. Thus, option A is the correct answer.

2. Ans. E.

"Likelihood" means the state or fact of something's being likely; probability. None of the other words except 'likelihood' will fit in the blank. This is because the statement uses the words 'depends' which indicates that something is determined by something else. This provides the base for a possibility. Thus, option E is the correct answer.

3. Ans. D.

"Blatantly" means in an open and unashamed manner. If someone lies outrightly, it will definitely make the police suspicious. So, option D is the correct answer.

4. Ans. B.

Since the sentence talks about an incident that occurred in the past, the word in the blank must be in the past tense. This eliminates option A. Among the other options, "rejoiced" (feel or show great joy or delight) is the best fit.

5. Ans. B.

None of the conjunctions but "except" fits in the passage. The sentence now means that the chairman of the committee was not present.

6. Ans. E.

All the words have been correctly spelt. Thus, option E is the correct answer.

7. Ans. B.

"Campany" is incorrect. The correct word is "company". So, the correct answer is option B.

8. Ans. A.

"Capitalism" is the correct spelling. So, the correct answer is option A.

9. Ans. C.

"Chose" should be written instead of "choose". Since the sentence is in the past tense, we need to use the past form of the verb 'chose' to make the sentence grammatically correct.

So, the correct answer is option C.

10. Ans. B.

The correct spelling is "minister". So, the correct answer is option B.

11. Ans. A.

'Massive' means large. So the opposite word will be "little".

Insignificant means not of much importance.

Vast means of very great extent or quantity; immense.

Proactive means (of a person or action) creating or controlling a situation rather than just responding to it after it has happened.

Prominent means important.

Sagacious means having or showing keen mental discernment and good judgement; wise or shrewd.

12. Ans. C.

Ensure means to make certain that (something) will occur or be the case. Hence the answer will be option C.

13. Ans. A.

Adopt means to choose to take up, follow, or use.

Embrace means an act of accepting something willingly or enthusiastically.

Deceptive means giving an appearance or impression different from the true one; misleading.

Judicious means having, showing, or done with good judgement or sense.

Foster means to bring up (a child that is not one's own by birth).

Triumph means a great victory or achievement.

14. Ans. B.

The first option has been mentioned in the statement "Teachers can put resources for students online for students to use. These could be videos, documents, audio podcasts or interactive images"

The third option has been mentioned in the statement "Students will have instant access to grades, comments and work via a computer, smartphone or tablet."

The fourth option has been mentioned in the statement "The cloud can also encourage independent learning"

Hence all the statements are correct.

15. Ans. D.

As mentioned in the first paragraph "Schools will only need one major thing to be prepared for the future. They will not need software installed, servers or

local file storage. Schools will need a fast robust internet connection" and in the second paragraph, "The staff will also need training, you can't expect staff to use new technology if they are not confident users or creators..... schools are ready for the future of technology."

The second sentence doesn't find a mention in the passage.

16. Ans. C.

It is mentioned in the passage, "Schools of the future could have a traditional cohort of students, as well as online-only students who live across the country or even the world". The statement mentions two type of students, those who live across the country or even the world and gain education via online mediums and those who gain education in the traditional way i.e. by coming to school and attending classes.

17. Ans. D.

It has been mentioned in the passage that "What we must remember is that when schools adopt new technology and services, they must be evaluated. This way, as a school, you know if they are successful and what improvements are needed". In view of this statement, we can conclude that option D is the right choice.

18. Ans. E.

The reason or the way in which technology can act as a barrier to teaching and learning has not been mentioned in the passage. So, the correct option is E.

19. Ans. A.

The sentence is referring to more than one day when children were told stories. Hence, day should be replaced by "days" to make the sentence correct.

20. Ans. B.

"Men" should be written instead of "man" as the number "seven" indicates the existence of more than one man. Thus, option B is the correct answer.

21. Ans. E.

The sentence is correct as given.

22. Ans. A.

Here "staff" is a noun, hence an adjective must modify it. Thus, "efficiency" must be replaced by "efficient".

23. Ans. A.

Here, "crust" is a singular noun. Thus, the verb (float) should be singular as well. So, "float" must be replaced by "floats" to make the sentence correct.

24. Ans. D.

The error is in the fourth part of the sentence.

We need to replace 'poor' with 'the poor'. We need the object of the verb 'help' which will be a noun. 'Poor' is an adjective used to refer to those lacking sufficient money to live at a standard considered comfortable or normal in a society. 'The poor' acts as a noun and is used to refer to poor people.

So, the correct answer is option D.

25. Ans. A.

"Repressed" has been used as a verb in the given sentence. Hence, it can only be modified by an adverb. Hence, "quickly" should be used instead of "quick".

26. Ans. B.

The paragraph states that the emission of greenhouse gases is the major cause of global warming and mentions the sources of these emissions. E introduces the topic by mentioning the same and thus, is the first statement. E will be followed by B as it states the major source of one of the greenhouse gases mentioned in E. BF is a mandatory pair as the pronoun 'these' in F refers to the power plants mentioned in B. C takes the discussion further by mentioning another source of the same greenhouse gas, carbon dioxide. The source is burning of gasoline in the engines of vehicles. CD is a mandatory pair as the phrase 'the said cars and trucks' used in D refers to the 'vehicles' mentioned in C. A will be the concluding sentence of the paragraph.

The correct logical order is EBFCD A.

So, the correct answer is option B.

27. Ans. E.

The paragraph states that the emission of greenhouse gases is the major cause of global warming and mentions the sources of these emissions. E introduces the topic by mentioning the same and thus, is the first statement. E will be followed by B as it states the major source of one of the greenhouse gases mentioned in E. BF is a mandatory pair as the pronoun 'these' in F refers to the power plants mentioned in B. C takes the discussion further by

mentioning another source of the same greenhouse gas, carbon dioxide. The source is burning of gasoline in the engines of vehicles. CD is a mandatory pair as the phrase 'the said cars and trucks' used in D refers to the 'vehicles' mentioned in C. A will be the concluding sentence of the paragraph.

The correct logical order is EBFCD A.

So, the correct answer is option E.

28. Ans. E.

The paragraph states that the emission of greenhouse gases is the major cause of global warming and mentions the sources of these emissions. E introduces the topic by mentioning the same and thus, is the first statement. E will be followed by B as it states the major source of one of the greenhouse gases mentioned in E. BF is a mandatory pair as the pronoun 'these' in F refers to the power plants mentioned in B. C takes the discussion further by mentioning another source of the same greenhouse gas, carbon dioxide. The source is burning of gasoline in the engines of vehicles. CD is a mandatory pair as the phrase 'the said cars and trucks' used in D refers to the 'vehicles' mentioned in C. A will be the concluding sentence of the paragraph.

The correct logical order is EBFCD A.

So, the correct answer is option E.

29. Ans. A.

The paragraph states that the emission of greenhouse gases is the major cause of global warming and mentions the sources of these emissions. E introduces the topic by mentioning the same and thus, is the first statement. E will be followed by B as it states the major source of one of the greenhouse gases mentioned in E. BF is a mandatory pair as the pronoun 'these' in F refers to the power plants mentioned in B. C takes the discussion further by mentioning another source of the same greenhouse gas, carbon dioxide. The source is burning of gasoline in the engines of vehicles. CD is a mandatory pair as the phrase 'the said cars and trucks' used in D refers to the 'vehicles' mentioned in C. A will be the concluding sentence of the paragraph.

The correct logical order is EBFCD A.

So, the correct answer is option A.

30. Ans. C.

The paragraph states that the emission of greenhouse gases is the major cause of global warming and mentions the sources of these emissions. E introduces the topic by mentioning the same and thus, is the first statement. E will be followed by B as it states the major source of one of the greenhouse gases mentioned in E. BF is a mandatory pair as the pronoun 'these' in F refers to the power plants mentioned in B. C takes the discussion further by mentioning another source of the same greenhouse gas, carbon dioxide. The source is burning of gasoline in the engines of vehicles. CD is a mandatory pair as the phrase 'the said cars and trucks' used in D refers to the 'vehicles' mentioned in C. A will be the concluding sentence of the paragraph.

The correct logical order is EBFCD A.

So, the correct answer is option C.

31. Ans. D.

$$\sqrt{576} + \sqrt{?} = \sqrt{1764}$$

$$24 + \sqrt{?} = 42$$

$$\sqrt{?} = 42 - 24 = 18$$

$$? = 324$$

32. Ans. C.

$$2\frac{1}{4} \times \frac{1}{3} + ? = 5$$

$$\frac{9}{4} \times \frac{1}{3} + ? = 5$$

$$? = 5 - \frac{3}{4}$$

$$\frac{17}{4}$$

33. Ans. C.

$$16\frac{7}{8} \div 1\frac{11}{16} \text{ of } 4 = ?$$

$$(135/8) / [(27/16) * 4] = ?$$

$$(135/8) * (4/27) = ?$$

$$5/2 = ?$$

34. Ans. A.

$$253 \div 11 \times ? = 124 - 32$$

$$253/11 \times ? = 92$$

$$23 \times ? = 92$$

$$? = 4$$

35. Ans. B.

$$42^2 + 4^2 - 484 = 6^?$$

$$1764 + 16 - 484 = 6^?$$

$$6^? = 1296$$

$$6^? = 6^4$$

$$? = 4$$

36. Ans. D.

$$\left(2\frac{1}{6} \div 5\frac{1}{18}\right) + ? = 7$$

$$\left(\frac{13}{6} \div \frac{91}{18}\right) + ? = 7$$

$$\left(\frac{13}{6} \times \frac{18}{91}\right) + ? = 7$$

$$? + \frac{3}{7} = 7$$

$$? = 7 - \frac{3}{7}$$

$$? = \frac{46}{7} = 6\frac{4}{7}$$

37. Ans. B.

$$3025 \div (? + 17) = 11^2$$

$$\frac{3025}{(? + 17)} = 121$$

$$3025 = 121? + 2057$$

$$121? = 968$$

$$? = \frac{968}{121} = 8$$

38. Ans. C.

$$?\% \text{ of } 450 + 1240 = 1600$$

$$9?/2 = 360$$

$$? = 80$$

39. Ans. C.

$$\frac{81 \times 81 \times 81 \times 6 \times 6}{18 \times 18} = 3^{12} - ?$$

$$3^3 \times 3^3 \times 3^4 = 3^{12} - ?$$

$$(3)^{10} = 3^{12} - ?$$

$$12 - ? = 10$$

$$? = 2$$

40. Ans. E.

$$(428 - ?) \div 16 \times 25 = 300$$

$$(428 - ?) \div 16 = 300/25$$

$$(428 - ?) \div 16 = 12$$

$$(428 - ?) = 12 \times 16$$

$$(428 - ?) = 192$$

$$? = 428 - 192 = 236$$

41. Ans. C.

$$244.28 + 22.42 + ? = 300$$

$$266.7 + ? = 300$$

$$? = 300 - 266.7$$

$$? = 33.3$$

42. Ans. B.

Direct ratio between MP & CP =
(100+P%) : (100- D%)

$$= 120 : 75 = 8 : 5$$

So MP = 8x & CP = 5x

ATQ, 8x - 5x = 180

$$x = \frac{180}{3} = 60$$

MP = 8 × 60 = 480 Rs.

43. Ans. E.

$$\text{Circumference of Circle} = 2 \times \frac{22}{7} \times r = \frac{440}{5}$$

2r = 28 meter

So Perimeter of square = 28 × 4 = 112 meter

44. Ans. A.

$$\text{Speed of downstream} = \frac{105}{5} = 21 \text{ km/hr}$$

Ratio between downstream & upstream speed = 1.4 : 1

$$= 7 : 5$$

So 7 @ 21

$$5 @ \frac{21}{7 \times 5} = 15 \text{ km/hr}$$

$$\text{So speed of stream} = \frac{21-15}{2} = 3 \text{ km/hr}$$

45. Ans. B.

$$\frac{\frac{X}{2} \times \frac{4}{5}}{\frac{X}{2} \times \frac{1}{5} + 24} = 1$$

$$\frac{X}{2} \times \frac{1}{5} + 24$$

$$\frac{2x}{5} = \frac{x}{10} + 24$$

$$\Rightarrow \frac{3x}{10} = 24$$

$$X = \frac{24 \times 10}{3} = 80$$

46. Ans. C.

$B^2 = 144$ (since, breadth is equal to side of square)

$$B = 12$$

$$L = 12 + 5 = 17$$

$$\text{Perimeter} = 2(17 + 12) = 58 \text{ cm}$$

47. Ans. C.

$$\frac{D}{21 + 3} + \frac{D}{21 - 3} = 7$$

$$\frac{D}{24} + \frac{D}{18} = 7$$

$$\frac{7D}{72} = 7$$

$$D = 72$$

Distance between A & B = 72 km

48. Ans. D.

Speed of Ali

$$= \frac{\cancel{36}^2}{\cancel{54}_3} \times \cancel{60}^{20} = 40 \text{ km / hr}$$

Speed of Shyam

$$= \frac{36}{30} \times 60 = 72 \text{ km / hr}$$

Difference in speed = 32 km/hr

49. Ans. B.

$$P \left(\frac{20}{100} \right)^2 = 1200$$

$$P = 25 \times 1200 = 30,000 \text{ Rs.}$$

50. Ans. A.

Let B takes X days to complete the whole work alone

So, A takes 1.20X to complete the whole work alone.

A.T.Q,

$$\frac{1}{1.20X} + \frac{1}{X} = \frac{11}{90}$$

On solving this we get,

$$X = 15 \text{ days}$$

So, A takes $1.20 \times 15 = 18$ days to complete whole work alone

A completes half the work in $18 \div 2 = 9$ days.

51. Ans. B.

The pattern of the given series is:

$$12 + 2 = \mathbf{14}$$

$$14 + 3 = 17$$

$$17 + 4 = 21$$

$$21 + 5 = 26$$

$$26 + 6 = 32$$

$$32 + 7 = 39$$

52. Ans. C.

The pattern of the given series is:

$$6 + 1^2 = 7$$

$$7 + 2^2 = 11$$

$$11 + 3^2 = 20$$

$$20 + 4^2 = \mathbf{36}$$

$$36 + 5^2 = 61$$

$$61 + 6^2 = 97$$

53. Ans. B.

The pattern of the given series is:

$$5000 \times 0.1 = \mathbf{500}$$

$$500 \times 0.2 = 100$$

$$100 \times 0.3 = 30$$

$$30 \times 0.4 = 12$$

$$12 \times 0.5 = 6$$

$$6 \times 0.6 = 3.6$$

54. Ans. B.

The pattern of the given series is:

$$120 + 15 = \mathbf{135}$$

$$135 - 10 = 125$$

$$125 + 15 = 140$$

$$140 - 10 = 130$$

$$130 + 15 = 145$$

$$145 - 10 = 135$$

55. Ans. D.

The pattern of the given series is:

$$1440 \div 6 = 240$$

$$240 \div 5 = 48$$

$$48 \div 4 = 12$$

$$12 \div 3 = 4$$

$$4 \div 2 = \mathbf{2}$$

$$2 \div 1 = 2$$

56. Ans. E.

On Friday,

Total number of pen of brand X sold by store B = 20% of 45 = 9

Total number of pen of brand X sold by store C = 15% of 20 = 3

Total number of pen of brand X sold by store D = 75% of 24 = 18

Hence, the total number of pen sold of brand X by stores B, C and D together on Friday = $9 + 3 + 18 = 30$.

57. Ans. C.

Required average number of pen sold = $\frac{27+32+16}{3} = 25$

58. Ans. B.

Total Number of pen sold by stores B, C and D together on Monday = $33 + 21 + 9 = 63$

Total Number of pen sold by stores B, C and D together on Thursday = $26 + 15 + 13 = 54$

Hence, the required ratio = $63 : 54 = 7 : 6$.

59. Ans. C.

Number of pen sold by A on Friday = 36

Hence, the number of pen sold by A on

Saturday = $36 \times \frac{5}{9} = 20$

60. Ans. C.

Number of pen sold by store A on Wednesday = 38

Total number of pen sold by stores C and D together on Wednesday = $34 + 16 = 50$

Hence, the difference = $50 - 38 = 12$

61. Ans. E.

$$x^2 + 5x + 4 = 0$$

$$\Rightarrow X = -4, -1$$

$$y^2 + 4y + 3 = 0$$

$$\Rightarrow Y = -3, -1$$

X	Y	Relation
-4	-3	$y > x$
-4	-1	$y > x$
-1	-3	$x > y$
-1	-1	$x = y$

62. Ans. E.

$$(x - 9)^2 = 0$$

$$x - 9 = 0$$

$$x = 9$$

$$y = \sqrt{81}$$

$$y = 9$$

63. Ans. C.

$$6x^2 + 5x + 1 = 0$$

$$\Rightarrow X = -1/2, -1/3$$

$$15y^2 + 8y + 1 = 0$$

$$\Rightarrow Y = -1/5, -1/3$$

Answer - $Y \geq X$

64. Ans. E.

$$x^2 - 7x + 10 = 0$$

$$x^2 - 5x - 2x + 10 = 0$$

$$x(x - 5) - 2(x - 5) = 0$$

$$(x-2)(x-5) = 0$$

$$x=2, x=5$$

$$y^2 - 5y + 6 = 0$$

$$y^2 - 3y - 2y + 6 = 0$$

$$y(y - 3) - 2(y - 3) = 0$$

$$(y - 3)(y - 2) = 0$$

$$y = 3, y = 2$$

$$x = 5, 2$$

$$y = 3, 2$$

65. Ans. C.

$$x + 18 = 32$$

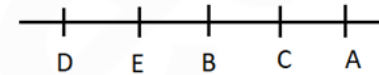
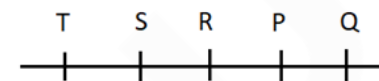
$$\Rightarrow X = 14$$

$$y^2 = 196$$

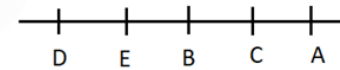
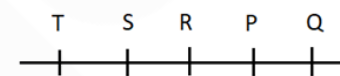
$$\Rightarrow Y = +14, -14$$

$$X \geq Y$$

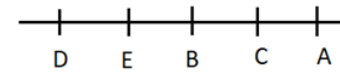
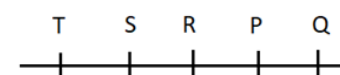
66. Ans. C.



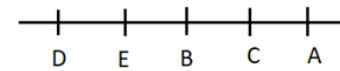
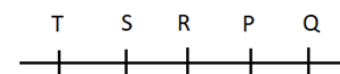
67. Ans. B.



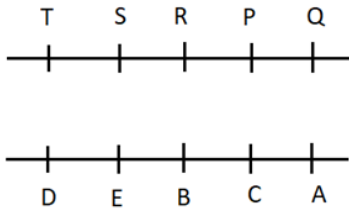
68. Ans. D.



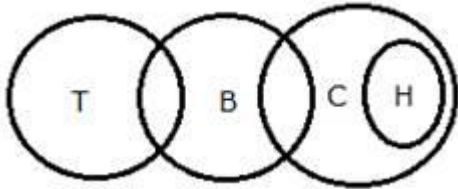
69. Ans. D.



70. Ans. B.

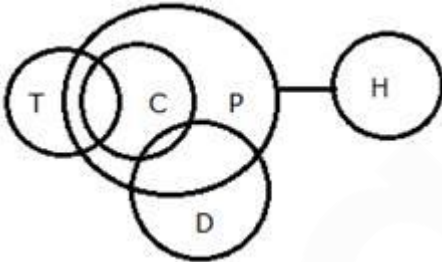


71. Ans. E.
The least possible Venn diagram for the given statements is as follows:



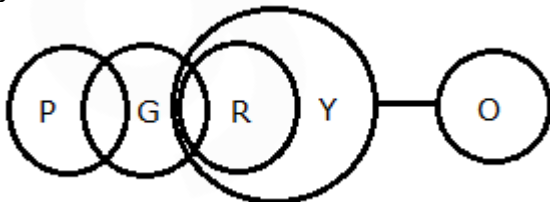
Conclusions:
I. Some cubes being tag is a possibility. It's possible, hence true.
II. All bags being tag is a possibility. It's possible, hence true.
So, conclusions I and II are true.

72. Ans. E.
The least possible Venn diagram for the given statements is as follows:



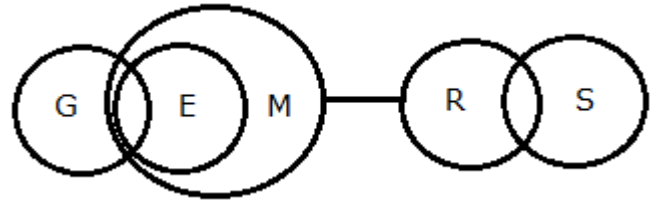
Conclusions:
I. Only plays are cartoons. It's false.
II. All horrible being toys is a possibility. It's possible, hence true.
So, both I and II follows.

73. Ans. B.
The least possible Venn diagram for the given statements is as follows:



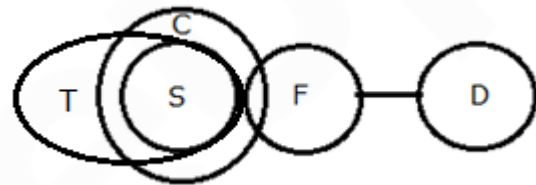
Conclusions:
I. A few pots are raw. It's not sure, hence false.
II. Some grass is not oval. It's sure, hence true.
So, conclusion II follows.

74. Ans. D.
The least possible Venn diagram for the given statements is as follows:



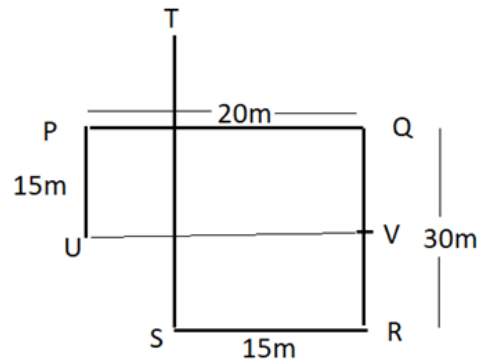
Conclusions:
I. All soil being mountain is a possibility. It's not possible, hence false.
II. Some greens are river. It's not sure, hence false.
So, I and II both are false.

75. Ans. D.
The least possible Venn diagram for the given statements is as follows:

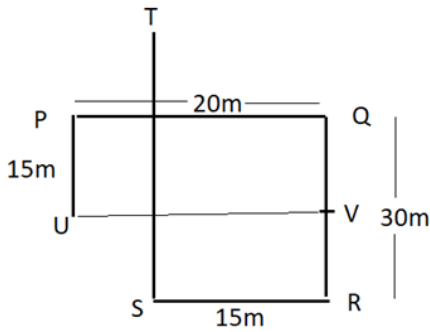


Conclusions:
I. A few trains are definitely not fun. It's not sure, hence false.
II. Some danger is cloud. It's not sure, hence false.
So, neither I nor II follows.

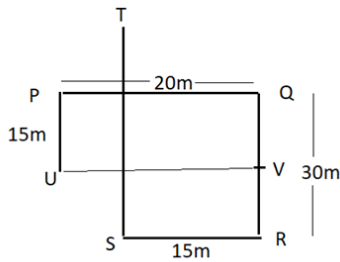
76. Ans. D.



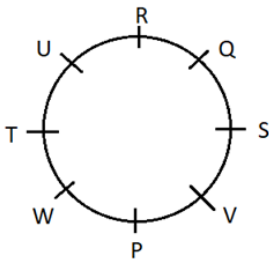
77. Ans. B.



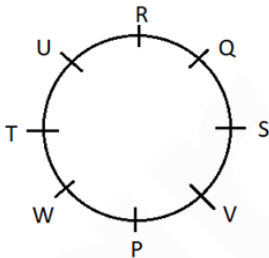
.78. Ans. D.



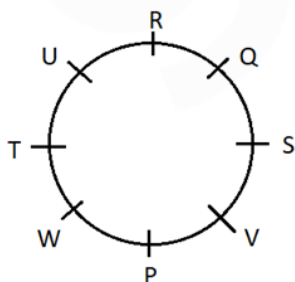
79. Ans. B.



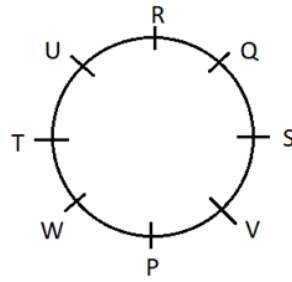
.80. Ans. D.



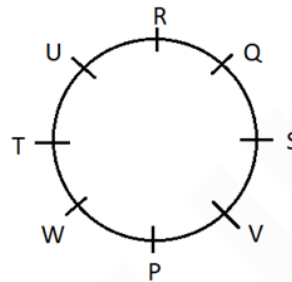
81. Ans. E.



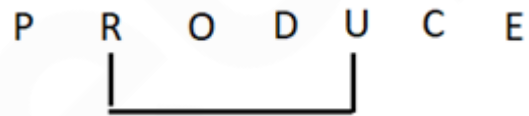
.82. Ans. C.



83. Ans. A.



84. Ans. A.



85. Ans. A.

Conclusions:

I. $J \leq V \rightarrow$ True

II. $Z < P \rightarrow$ False

86. Ans. A.

Conclusions:

I. $T < Q \rightarrow$ True

II. $U \geq R \rightarrow$ False

87. Ans. B.

Conclusions:

I. $K > D \rightarrow$ False

II. $A < C \rightarrow$ True

88. Ans. D.

Clearly, there is no such word, hence 'X' is the answer.

89. Ans. D.

E ? 3 M Z 8 A 5 > 9 7 \$ T + B 6 @ I O V
E 9 U © 5

After dropping symbols and numbers – E M Z A T B I O V E U

Required order – Z V U T O M I E E B A

Therefore, option D is the correct answer.

90. Ans. C.

E ? 3 M Z 8 A 5 > 9 7 \$ T + B 6 @ I O V
E 9 U © 5

Therefore, option C - I#V is the answer.

91. Ans. C.

E ? 3 M Z 8 A 5 > 9 7 \$ T + B 6 @ I O V
E 9 U © 5

Therefore, option C is the correct answer.

92. Ans. C.

E ? 3 M Z 8 A > 5 9 \$ 7 T + B @ 6 I O V
E 9 U © 5

Therefore, option C is correct.

93. Ans. E.

E ? 3 M Z 8 A 5 > 9 7 \$ T + B 6 @ I O V
E 9 U © 5

Therefore, option E is the correct answer.

94. Ans. D.

- 1) A received more than only B.
- 2) W received more than A.
- 3) W received less than Z, who received less than Y.

4) X received more than Z.

$X/Y > X/Y > Z > W > A > B$

Therefore, option D is the answer.

95. Ans. D.

- 1) A received more than only B.
- 2) W received more than A.
- 3) W received less than Z, who received less than Y.

4) X received more than Z.

$X/Y > X/Y > Z > W > A > B$

Therefore, option D is the correct answer.

96. Ans. C.

			R				S	U	T	V			Q			P	W		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

97. Ans. D.

			R				S	U	T	V			Q			P	W		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

98. Ans. A.

			R				S	U	T	V			Q			P	W		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

99. Ans. E.

			R				S	U	T	V			Q			P	W		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

100. Ans. B.

			R				S	U	T	V			Q			P	W		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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