

SIDBI Grade A Previous Year Question Paper **DOWNLOAD PDF**



Direction: Study the following information carefully and answer the given questions.

There are eight people i.e. A, B, C, D, E, F, G and H sitting in a circular table with equidistance to each other and facing outside the center of the table. They all like different colours i.e. Red, Blue, Yellow, Orange, Black, White, Purple and Grey. All the information is not necessarily in the same order.

Two people sit between D and the one who likes Blue. H sits to the immediate right of the one who likes Blue. The one who likes Yellow sits second to the right of D. Two people sit between the one who likes Yellow and C who is not adjacent to D. Two people sit between C and the one who likes Purple. The one who likes Red and the one who likes White sit opposite to each other. The one who likes Red doesn't sit adjacent to D. F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black. The one who likes Orange sits third to the left of the one who likes Grey. A sits third to the left of the one who likes White and third to the right of G. B doesn't like White.

1. Who amongst the following likes Orange?

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

2. How many people sit between the one who likes Yellow and A when counted from the right of A?

- A. Four
- B. Three
- C. Five
- D. Two
- E. None of these

3. What is the position of E with respect to the one who likes Red?

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

4. H likes which amongst the following colour?

- A. White
- B. Red
- C. Orange
- D. Black
- E. None of these

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

- A. G, D
- B. C, H
- C. A, E
- D. F, B
- E. D, E

Direction: In each of the questions below are given few statements followed by three 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.

6. Statements:

All books are pencils.
All pencils are bags.
Some bags are carts.
Some carts are pillars.

Conclusions:

- I. Some pillars are bags.
- II. Some carts are pencils.
- III. Some bags are books.
- A. None follows
- B. Only I follows
- C. Only II follows
- D. Only III follows
- E. Only II and III follow

7. Statements:

Some red is white.
Some white is silver.
All silver is charcoal.
All charcoals are train.

Conclusions:

- I. Some trains are white.
- II. Some charcoals are red.
- III. Some silver is red.
- A. None follows
- B. Only I follows
- C. Only II follows
- D. Only III follows
- E. Only II and III follow

8. Statements:

Some rosaries are jelly.
Some jellies are home.
Some homes are track.
Some tracks are block.

Conclusions:

- I. Some blocks are home.
- II. Some tracks are jellies.
- III. Some homes are a rosary.
- A. None follows
- B. Only I follows
- C. Only II follows
- D. Only III follows
- E. Only I and II follow

9. Statements:

Some papers are kites.
All kites are plain.
Some plains are new.
All new is the channel.

Conclusions:

- I. Some channels are plain.
- II. Some new is a kite.
- III. Some plains are papers.
- A. Only I follows
- B. Only II follows
- C. Only III follows
- D. Only II and III follow
- E. None of these

10. Statements:

All the flowers are purple.
No purple is a tree.
Some trees are a house.
All houses are grass.

Conclusions:

- I. Some grasses are a flower.
- II. No grass is a flower.
- III. Some grasses are trees.
- A. Only I follows
- B. Only II follows
- C. Only III follows
- D. Only either I or II follows
- E. Only either I or II and III follow



11. How many such pairs of letters are there in the word **ORGANISE** each of which has as many letters between them in the word in both forward and backward directions as in the English alphabet?

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

Direction: Study the following data carefully and answer the questions accordingly.

Six people, A, B, C, D, E, and F are working in a company under different designations- CMD, MD, GM, Manager, Analyst, and Accountant. CMD is considered the senior-most and the Accountant is considered the junior-most. C is not the CMD. A is not the MD. There is one designation between B and D's designations. F is junior to the MD. A is immediately senior to D. B is junior to the Manager.

12. Who is the CMD?

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

13. How many people are junior to D?

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

14. What is the designation of A?

- A. Manager
- B. Accountant
- C. GM
- D. MD
- E. None of these

15. Who is the Analyst?

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

16. Find the correct combination.

- A. F - GM
- B. E - MD
- C. D - Manager
- D. A - Accountant
- E. None is correct

Direction: Study the information given below and answer the questions based on it.

There are 7 members in a family A, C, N, S, T, M, and K. S and M are granddaughters of N, who is the father of C. T has only two sons. A is the sister-in-law of K. S is not taller than M. A is shorter than three persons but taller than her daughters. No male is shorter than females. K is shorter than his brother and father. There are two married couples in the family. The one who is the oldest person in the family is the tallest. M is not taller than her grandmother.



17. How many persons are taller than T?

- A. One
- B. Two
- C. Three
- D. Can't be determined
- E. None of these

18. Who among the following is mother of K?

- A. N
- B. S
- C. T
- D. A
- E. None of these

19. Who among the following is the shortest?

- A. S
- B. N
- C. T
- D. A
- E. None of these

20. How is M related to K?

- A. Nephew
- B. Niece
- C. Daughter
- D. Can't be determined
- E. None of these

21. How is T related to N?

- A. Wife
- B. Husband
- C. Mother
- D. Father
- E. None of these

Direction: Study the following information carefully and answer the given questions.

J, K, L, M, N, O, P, Q, and R are sitting in a straight line equidistant from each other (but not necessarily in the same order). Some of them are facing south while some are facing north.

(Note: Facing the same direction means, if one is facing north then the other also faces north and vice-versa. Facing the opposite directions means, if one is facing north then the other faces south and vice-versa).

P is fourth to the left of J. J is sixth to the left of K. O is fourth to the left of K. O is sixth to the left of M. L is sixth to the left of R. Only Q is facing the same direction which J faces. N is second to the right of Q, who is not a neighbour of O. J is not facing the north direction.

22. Who is sitting exactly in the middle of the row?

- A. L
- B. S
- C. P
- D. Q
- E. K

23. Four of the following five are alike in a certain way, and so form a group. Which of the following does not belong to the group?

- A. L, O
- B. N, O
- C. P, N
- D. P, Q
- E. K, R



24. If L and O, J and N, Q and M interchange their positions, then which of the following pairs of the group is sitting at the extreme ends?

- A. J and M
- B. O and L
- C. P and M
- D. N and Q
- E. M and Q

25. Which of the following statement/s is true regarding K?

- A. K is sixth to the right of J
- B. P and K are neighbours
- C. K sits immediate left of the one who sits second to the left of Q
- D. R is second to the right of K
- E. N is third to the right of K

26. How many people are sitting to the left of O?

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

Direction: In the following questions assuming the given statement to be true, find which of the conclusion(s) among given conclusions is/are true and then give your answers accordingly.

27. **Statements:**

$E > R = T > Y, V \geq Z = R \geq P, M \leq D = O < S, V > S = E$

Conclusions:

- I. $D > R$
- II. $Y < V$
- III. $O > P$

- A. Only I
- B. Only III
- C. Only II
- D. Both II and III
- E. None of the above

28. **Statements:**

$C \leq G = Y < J, B > U = I \geq L, X = G \leq F < L, E > K = S \geq F$

Conclusions:

- I. $X < K$
 - II. $L > Y$
 - III. $K = X$
- A. Only II
 - B. Both II and III
 - C. Both I and II
 - D. Either I or III and II
 - E. None of the above

29. **Statements:**

$W = Q > D \geq F, J < M < C \geq K, D = O \geq S > C, H \geq K = X \geq A$

Conclusions:

- I. $M > Q$
 - II. $A \leq J$
 - III. $W < S$
- A. Only I
 - B. Only II
 - C. Both II and III
 - D. Both I and III
 - E. None of the above

Direction: In the following questions assuming the given statement to be true, find which of the conclusion(s) among given conclusions is/are true and then give your answers accordingly.



30. Statements:

$E \leq B < M \geq K, M = S \leq D > R, Q < H \leq R = Z, T > A \geq H \geq G$

Conclusions:

- I. $D > T$
- II. $G \leq Z$
- III. $B < R$
- A. Only II
- B. Both I and II
- C. Both I and III
- D. All are true
- E. None of the above

31. Statements:

$Q < W \geq Z > X, G < H \leq J \leq X, A = S \leq Y > H, L = O > M = A$

Conclusions:

- I. $L \geq H$
- II. $W > S$
- III. $X \geq Y$
- A. Only III
- B. Both I and III
- C. Both II and III
- D. Both I and II
- E. None of the above

32. If it is possible to make only one meaningful English word with the second, third, fourth and seventh letters of the word **MEDICATION**, then which of the following will be the second letter from the left of the newly formed word? If no such word can be formed give 'X' as the answer and if more than one such word can be formed give 'Y' as the answer.

- A. I
- B. E
- C. N
- D. X
- E. Y

Direction: Study the following information and answer the given questions.

Six students A, B, C, D, E, and F study in different standards VI, VII and IX and play in different sports team viz. Cricket, Soccer and Volleyball. They have medical test on different days of a week, starting from Monday to Saturday. Not more than two students study in the same standards. Not more than three students and at least one student play in the same team.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E. D is the last person to attend the test. A plays in the Soccer team. D is not the youngest student. F is elder than A. Any Volleyball player did not take the test immediately before or after any Soccer players. B and D play in the same team but not in the Volleyball team. E who studies in the same standard with C and have test on a day before Thursday. B who does not study in the same standard with D took his test immediately after F. Students took the test on a day after Thursday do not play Volleyball or Soccer. E and F play in the same team. F plays in the Volleyball team. Students who play Soccer took the test before Friday.

33. How many students play in the Soccer team?

- A. 1
- B. 3
- C. 2
- D. 0
- E. Either 1 or 2



34. Which of the following statement/s is/are true?

- A. One of the Volleyball players took the test on Tuesday.
- B. A took the test on Thursday.
- C. D plays Cricket.
- D. Two students took the test between C and D
- E. B studies in standard VII.

35. Who among the following studies in standard IX?

- A. A
- B. F
- C. B
- D. E
- E. None of the above

36. How many students took the test between A and B?

- A. 1
- B. 2
- C. 0
- D. 3
- E. None of the above

37. _____ took the test on Friday.

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

Direction: Study the following data carefully and answer the questions accordingly.

In a certain code language 'Monitor not work' is written as 'qw er ty',

'Mobile cell fast enough' is written as 'zx cv bn mk',

'Not fast as me' is written as 'ty cv fg hk',

'As work cell' is written as 'fg qw zx',

38. What will be the code for 'Fast'?

- A. Mk
- B. Bn
- C. Cv
- D. Er
- E. Cannot be determined

39. Which word is coded as 'mk cv'?

- A. Cv yt
- B. Hk rv
- C. Bn cv
- D. Mk cv
- E. Cannot be determined

40. What is the code for 'Mobile enough work'?

- A. Bn mk qw
- B. Bn ty hk
- C. Mk hj fg
- D. Mk fg hk
- E. None of these

41. If 'my world is enough' is coded as 'qm bw rl mk' then what is the code for 'Mobile fast cell'?

- A. Bn ty er
- B. Bn cv zx
- C. Cv zx er
- D. Bn zx fg
- E. None of these



42. The positions of first and twelfth letters of the word 'MANUFACTURED' are interchanged, similarly, the positions of the second and eleventh letters and so on till the sixth and seventh letters are interchanged. In the new arrangement thus formed, how many letters are there between the letter which is third from the left end and fourth from the right end according to English alphabetical order?

- A. Five
- B. Three
- C. Two
- D. Four
- E. None of these

Direction: Study the information given below and answer the questions based on it.

G D E R G K S F A U G M B O V G T
A C Y Z E K U G D G Q

43. If the starting and middle eight letters are arranged in the reverse order then which of the following letter will be sixth to the right of the one which is ninth from the extreme left end of the series?

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

44. If all the G's are dropped from the above arrangement then which of the following letter will be eighth to the left of the one which is third to the right of the sixteenth letter from the right end of the series?

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

45. How many vowels are there which are immediately followed by consonant but not immediately preceded by vowel?

- A. Less than three
- B. Three
- C. More than four
- D. Four
- E. None of these

"The State government has decided to appoint four thousand primary school teachers during the next financial year."

These questions are based on the information given above and the sentences labelled (A), (B), (C), (D), (E) as given below.

(A) Four thousand teachers may or may not be willing to sacrifice their interests for a great cause like educating India.

(B) There is a requirement for such a large number of new recruits as teachers.

(C) The eligible candidates may not be interested to apply as the government may not finally appoint



such a large number of primary school teachers.

(D) At least 4 thousand candidates shall be willing to apply for the posts of new teachers.

(E) There are few schools that have regular attendance and frankly, even the present number of teachers is excessive.

46. Which of the above statements are assumptions that are implicit in the argument presented by the author?

- A. Both A and E
- B. A, B C and D
- C. Both D and E
- D. Both B and D
- E. None of the above

" The Government has decided to levy 2 percent on the tax amount payable for funding drought relief programmes."

These questions are based on the information given above and the sentences labelled (A), (B), (C), (D), (E) as given below.

(A) A two percent tax will not lead to widespread protests for a rollback.

(B) Drought relief programmes are cash starved and need new money injected into them.

(C) The Government does not have sufficient money to fund drought relief programmes.

(D) The amount collected by way of surcharge may be adequate to fund these drought relief programmes.

(E) The two percent tax levied will lead to more siphoned money and

ultimately none of it will reach the grassroots.

47. Which of the statement numbered (A), (B), (C), (D), (E) has been assumed in the facts/information given in the statement? (An assumption is something supposed or taken for granted.)

- A. Only E
- B. Only A
- C. Both A and B
- D. C, D and E
- E. Both C and D

In each below are given a statement followed by two assumptions/inferences numbered I and II. An assumption is something supposed or taken for granted and an inference is something which can be directly inferred from the given facts. You have to consider the statement and the following assumptions/inferences and decide which of those is/are implicit in the statement.

48. **Statement:** Travelling by trains rather than cabs is more convenient and economical in Paris.

- I. Paris is an expensive city.
 - II. A Train services are reasonably good in Paris.
- A. if only I is implicit
 - B. if only II is implicit
 - C. either I or II is implicit
 - D. if neither I nor II is implicit
 - E. if both I and II are implicit



49. **Statement:** Opening of shops may increase the spread of coronavirus.

Course of Action:

- I. Shops be closed till vaccine for coronavirus are discovered.
 - II. People should wear masks and practice social distancing.
- A. Only I follows
 - B. Only II follows
 - C. Neither I nor II follows
 - D. Both I and II follow
 - E. Either I or II follows

Directions: Read the given statements carefully and answer the questions which follow.

50. In a governmental initiative, which started a couple of years ago, school teachers of a particular State were engaged in teaching the illiterate every evening after the regular school hours.

Which of the following can be an effect of the statement given above?

- A. A report given to the State government a couple of years ago stated a Difficult percentage of illiterate population as compared to some other States.
- B. Many teachers were motivated to join the scheme started by the government as the remuneration provided to them was attractive.
- C. Lack of accessibility to schools and extreme poverty were major causes of illiteracy in the State.

D. Evening classes help individuals working as daily wagers attend classes after work.

E. The literacy rate in the State has improved significantly this year.

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

51. 45.02% of $579.98 + 63.99\%$ of $750.01 = ?$

- A. 556
- B. 741
- C. 671
- D. 480
- E. 559

52. $? \times \sqrt{8.99} = \sqrt{5624.93} \div \sqrt{624.99} \times \sqrt{2024.91}$

- A. 45
- B. 64
- C. 15
- D. 35
- E. 44

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value.)

53. $8.99 + 13.98 \times 4.01 = ? - 100.01$

- A. 148
- B. 157
- C. 163
- D. 173
- E. 165



54. $\sqrt{593.92 \div 5.99 \times 1.98 - 12.96 \times 7.20 - 25.93}$
= ?
- A. 7
B. 5
C. 11
D. 13
E. 9

55. $50.05 \times 7.95 + 90.06 \times 2.98 =$
 $? \times 14.99$
- A. 70
B. 60
C. 75
D. 50
E. 45

Direction: Study the following information and answer the given questions.

In the table given below, the total number of voters, percentage of invalid voters and the percentage of valid voters who cast their votes in five different villages – M, N, O, P and Q is given.

Total voters = Invalid voters + Valid voters

Only valid voters are eligible to cast their votes.

Villages	Total voters	Percentage of the invalid voters	Percentage of the valid voters who cast their votes
M	24000	15%	80%
N	18500	8%	85%
O	25400	25%	72%
P	16500	12%	75%
Q	14400	5%	90%

56. What is the total number of valid voters who did not cast their votes in village O?
- A. 3354
B. 4335
C. 3534
D. 5334
E. None of these

57. What is the average of the number of invalid voters in village M, P and Q together?
- A. 1800
B. 2100
C. 1750
D. 2050
E. 2240

58. If the ratio of the male to female voters in village P is 3 : 2 and the ratio of the male to female valid voters in village P is 7 : 5, what is the number of male invalid voters in village P?
- A. 1660
B. 1360
C. 1250
D. 1550
E. 1430

59. If in village Q there are two candidates A and B and candidate B won by 312 votes, what is the number of votes that candidate A gets?
- A. 6312
B. 6000
C. 6213
D. 6120
E. 6500

60. The number of voters who did not cast their votes in village M is what percentage of the total voters in village M?
- A. 20%
B. 15%
C. 17%
D. 12%
E. 24%



61. A 240 m long train takes 40s longer to cross a platform twice its length than the time it takes to cross a pole at the same speed. What is the speed of the train?

- A. 6 m/s
- B. 24 m/s
- C. 48 m/s
- D. 12 m/s
- E. None of above

62. In a company, 90% of the employees have graduation degree. The number of male employees who have graduation degree is 52% of the total number of employees in the organization. If 1026 female employees have graduation degree, then what is the total number of employees in the company?

- A. 2400
- B. 2600
- C. 3200
- D. 2700
- E. None of these

63. Anirudh bought 120 onions in Rs. 600. He sold 60 onions at 30% profit and the remaining onions at 10% profit. Instead, had he sold all the onions at 25% profit, how much more money would he have made?

- A. Rs. 25
- B. Rs. 30
- C. Rs. 50
- D. Rs. 60
- E. None of these

64. An aeroplane flies with an average speed of 660 km/hr. A helicopter takes 24 hours to cover twice the distance covered by aeroplane in 6 hours. How much distance will the helicopter cover in one hour? (assuming that flights are non-stop and moving with uniform speed)

- A. 330 km
- B. 275 km
- C. 460 km
- D. 350 km
- E. None of these

65. The respective ratio of the length and breadth of a rectangular plot is 3 : 2. If the length of the plot is 40 metres more than its breadth, what is the perimeter of the rectangular plot?

- A. 200 metres
- B. 400 metres
- C. 500 metres
- D. Cannot be determined
- E. None of these

Direction: Study the following passage carefully to answer the questions that follow:

There are only two branches, P and Q, of an offline coaching in Mukhargi Nagar, Delhi. In these branches there are only Bank and SSC students. The total number of students in branch P is 2000 and total number of students in branch Q is 3200. 60% of total students of branch P are SSC students and 70% of total students of branch Q are SSC students. Ratio of boys and



girls in SSC in branch P is 2 : 3 and ratio of boys and girls in SSC in branch Q is 5 : 3 .

66. What is the ratio of total boys in SSC in branch P to the total girls in SSC in branch Q ?

- A. 7 : 4
- B. 4 : 7
- C. 3 : 7
- D. 4 : 9
- E. 5 : 7

67. What is the difference between total boys in SSC and the total girls in SSC in both the branches together ?

- A. 320
- B. 325
- C. 350
- D. 300
- E. 375

68. Total no. of boys in branch Q is what percent more or less than the total no. of boys in branch P ?

- A. 60 % more
- B. 40% less
- C. 60% less
- D. Can't be determined
- E. None of these

69. Total no. of girls in Bank in both branches is what percent of total no. of girls in SSC in both branches if ratio of boys to girls in Banking in branch P and Q is 3 : 1 and 7 : 5 respectively ?

- A. $38\frac{6}{13}\%$
- B. $36\frac{6}{13}\%$

C. $38\frac{7}{13}\%$

D. $48\frac{6}{13}\%$

E. None of these

70. Total number of boys in SSC in branch P is what percent more or less than the total number of boys in SSC in branch Q ?

A. $63\frac{5}{7}\%$ less

B. $56\frac{5}{7}\%$ less

C. $65\frac{5}{7}\%$ less

D. $65\frac{2}{7}\%$ more

E. $75\frac{5}{7}\%$ less

Direction : What value should come in the place of question mark(?) in the following series?

71. 92, ?, 97, 124, 140, 265

- A. 93
- B. 96
- C. 94
- D. 95
- E. None of these

Direction: What should come in place of the question mark '?' in the following number series?

72. 3, 18, 48, 93, 153, ?

- A. 231
- B. 227
- C. 230
- D. 228
- E. 226



Direction : What value should come in the place of question mark(?) in the following series?

73. 6, 42, 215, 864, ?

- A. 2525
- B. 2595
- C. 2626
- D. 2545
- E. 2645

Direction: What should come in place of the question mark '?' in the following number series?

74. 25, 36, 69, ?, 201, 300

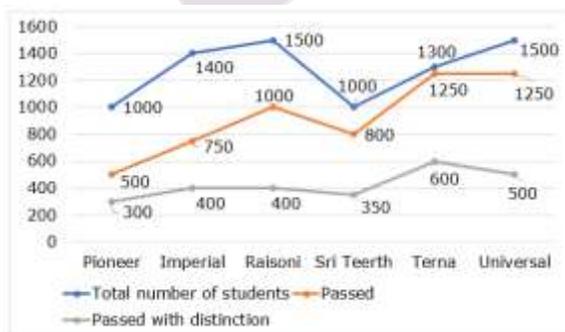
- A. 124
- B. 126
- C. 128
- D. 136
- E. 109

Direction: What should come in place of the question mark '?' in the following number series?

75. 8, 7, 16, 45, 184, ?

- A. 1080
- B. 770
- C. 915
- D. 480
- E. 525

Direction: The following line graph shows the performance of students of six colleges in a board exam.



Total number of students passed = number of students passed with distinction + number of students passed without distinction

76. For which of the following colleges the percentage of students passing without a distinction is the least?

- A. Pioneer
- B. Rasoni
- C. Sri Teerth
- D. Universal
- E. Terna

77. In how many colleges is the pass percentage is at least 80?

- A. 2
- B. 3
- C. 4
- D. 1
- E. None of these

78. In which of the following college, the ratio of the number of students passing the exam with distinction with the number of students failing the exam is the least?

- A. Imperial
- B. Rasoni
- C. Pioneer
- D. Terna
- E. Universal

79. What approximate percent of the students have passed with distinction in all the six colleges together?

- A. 33.1%
- B. 32.8%
- C. 34.2%
- D. 35.6%
- E. 37.5%



80. What is the ratio of the total number of students who failed to those who passed, in all the six colleges together?

- A. 43 : 121
- B. 21 : 37
- C. 43 : 111
- D. 21 : 38
- E. None of the above

81. A man can row a certain distance downstream in 3 hours and return the same distance in 5 hours. If the speed of current is 12 km/hr, then find the speed of man in still water.

- A. 36 km/h
- B. 48 km/h
- C. 52.5 km/h
- D. 72 km/h
- E. 27 km/h

82. The spirit and water in two vessels A and B are in the ratio 5 : 3 and 3 : 4 respectively. In what ratio, the liquids in both the vessels should be mixed to obtain a new mixture in third vessel containing half spirit and half water?

- A. 3 : 4
- B. 4 : 7
- C. 5 : 6
- D. 7 : 9
- E. None of these.

83. The average weight of 40 students in a class is 35 kg. If the weight of the teacher and two more students whose weights are 55 kg and 50 kg join the class then the average weight of entire class including teacher increases by 2

kilograms, what is the weight (in kg) of the teacher?

- A. 55
- B. 80
- C. 75
- D. 86
- E. 40

84. Parth sold his toys for Rs. 7650 after offering a discount of 15%. If the article is marked 20% above its cost price, then find the profit percentage earned by the Parth.

- A. 2%
- B. 4%
- C. 8.25%
- D. 6.25%
- E. 6.5%

85. If the difference between simple and compound interest on a certain sum of money at the end of 3 years at the rate of 10% per annum is Rs. 155, what is the sum of money?

- A. Rs. 3700
- B. Rs. 3760
- C. Rs. 3810
- D. Rs. 5000
- E. Rs. 3000

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.



86. A shopkeeper sold an article for Rs. x . Find the profit percentage earned by the shopkeeper.

Statement I: The shopkeeper gives a discount of 50% and cost price of article is 40% of the marked price.

Statement II: The profit earned by the shopkeeper is 20% of the selling price.

A. 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.

B. 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.

C. If the data either in Statement I or in Statement II alone are sufficient to answer the question.

D. If the data in both Statements I and II together are necessary to answer the question.

E. If the data even in both Statements I and II together are not sufficient to answer the question.

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

87. What are the minimum passing marks in the test?

Statement I: Raghav scored 25% marks in the test and Anjali scored 288 marks which are 128 more than that of Raghav.

Statement II: Raghav scored 64 marks less than the minimum passing marks.

A. 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.

B. 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.

C. If the data either in Statement I or in Statement II alone are sufficient to answer the question.

D. If the data in both Statements I and II together are necessary to answer the question.

E. If the data even in both Statements I and II together are not sufficient to answer the question.

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.



88. A, B and C together can complete the work in 36 days. In how many days C alone can complete the work?

Statement I: B and C together can complete the work in 52 days.

Statement II: B is 50% more efficient than A.

A. 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.

B. 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.

C. If the data either in Statement I or in Statement II alone are sufficient to answer the question.

D. If the data in both Statements I and II together are necessary to answer the question.

E. If the data even in both Statements I and II together are not sufficient to answer the question.

Direction: Each question given below is followed by two statements I and II. You have to determine whether the data given in the statements is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

89. What is the length of the train X?

Statement I: Two trains X and Y cross each other while travelling in same direction in 10 seconds and 25 seconds, respectively. Length of train Y is 80 meters.

Statement II: Speed of train X is 35 km/hr and the speed of train Y is less than that of X.

A. 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.

B. 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.

C. If the data either in Statement I or in Statement II alone are sufficient to answer the question.

D. If the data in both Statements I and II together are necessary to answer the question.

E. If the data even in both Statements I and II together are not sufficient to answer the question.

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.



90. A bag contains ' $x + 2$ ' red, ' $x + 7$ ' green and ' $2x - 1$ ' blue balls. Find the total number of balls in the bag.

Statement I: Probability of drawing a red ball from the bag is $\frac{1}{4}$.

Statement II: Probability of drawing a blue ball from the bag is $\frac{3}{8}$.

A. 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.

B. 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.

C. If the data either in Statement I or in Statement II alone are sufficient to answer the question.

D. If the data in both Statements I and II together are necessary to answer the question.

E. If the data even in both Statements I and II together are not sufficient to answer the question.

Direction: In the following question two Quantities i.e., Quantity I and Quantity II are given. You have to determine the relation between Quantity I and Quantity II.

91. **Quantity I:** Present age of Yash if three years ago, age of Yash was 4 times the age of Ursula and after

10 years, age of Yash and Ursula would be in the ratio 5 : 2.

Quantity II: ≥ 60 years

A. Quantity-I > Quantity-II

B. Quantity-I < Quantity-II

C. Quantity-I \leq Quantity-II

D. Quantity-I \geq Quantity-II

E. Quantity-I = Quantity-II or No relation

Direction: Given below are two quantities named I and II. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose among the possible answers.

92. **Quantity I:** Out of a certain sum, $\frac{1}{3}$ rd is invested at 3%, $\frac{1}{6}$ th at 6% and the rest at 8%. If the simple interest for 2 years from all these investments amounts to Rs. 600, find the original sum.

Quantity II: 4860 Rs

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I \geq Quantity II

D. Quantity I \leq Quantity II

E. Quantity I = Quantity II or No relation

Direction: Given below are two quantities named I and II. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose among the possible answers.



93. **Quantity I:** A bought a certain quantity of bananas at a total cost of Rs. 1500. He sold $\frac{1}{3}$ of these bananas at 25% loss. If he earns an overall profit of 10%, at what percentage profit did A sell the rest of the bananas?

Quantity II: $33\frac{1}{3}\%$

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I \geq Quantity II
- D. Quantity I \leq Quantity II
- E. Quantity I = Quantity II or No relation

Direction: Given below are two quantities named I and II. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose among the possible answers. ###DONE###

94. **Quantity I:** A car covers a distance between A and B in 50 minutes. If the speed of the car is reduced by 9 km per hour then the same distance is covered in 56 minutes. The distance between A and B

Quantity II: Value of Y: $Y^2 - 40Y - 2100 = 0$

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I \geq Quantity II
- D. Quantity I \leq Quantity II
- E. Quantity I = Quantity II or No relation

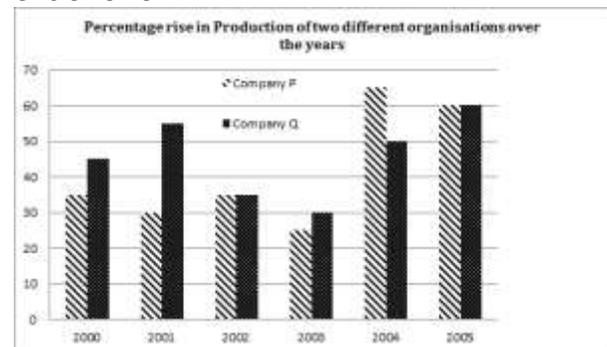
Direction: Given below are two quantities named I and II. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose among the possible answers.

95. **Quantity I:** A shopkeeper marks up the price of his product by 70%. If he increases the discount from 8% to 13%, the profit would decrease by Rs 17. The profit earned by him, if he gives a discount of 15% on the marked price

Quantity II: Rs. 90

- A. Quantity I > Quantity II
- B. Quantity I < Quantity II
- C. Quantity I \geq Quantity II
- D. Quantity I \leq Quantity II
- E. Quantity I = Quantity II or No relation

Direction: Study the graph carefully to answer the questions that follow:



Note: The percentage rise in production is with respect to the immediate previous year.



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96. If the production of Company P in 2000 was 1.89 lakh units, what was the number of units produced by same company in 1999?

- A. 117900
- B. 127000
- C. 140000
- D. 1,20,000
- E. None of these

97. What is the percentage increase in percentage rise of production of Company Q in the year 2005 from the previous year?

- A. 22.86%
- B. 20%
- C. 24%
- D. 26%
- E. None of these

98. If Company Q produced 9,29,175 units in the year 2004, how many units did it produce in the year 2002?

- A. 4,10,500
- B. 4,98,000
- C. 4,76,500
- D. 4,85,500
- E. None of these

99. What is the percentage increase in percentage rise in production of Company P in the year 2004 from the previous year?

- A. 130%
- B. 60%
- C. 120%
- D. 160%
- E. None of these

100. Based on the above graph which of the following statements is definitely true?

- A. Company P produced the maximum number of units in the year 2000.
- B. For Company Q there was no increase in production in the year 2001 from the previous year.
- C. Company P has produced more units than Company Q in the year 2000.
- D. Average percentage rise in production of Company Q is more than the average percentage rise in production of Company P.
- E. None of these

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

What future lies ahead for humans in space? Last year, the 50th anniversary of the first moon landing found a host of private and governmental projects that aim to send astronauts far beyond the near-Earth orbits that have limited human space exploration since 1972. China, which landed the first spacecraft on the lunar far side in 2019, has plans to place astronauts to the moon. India, which crashed a lander on the moon in 2019, dreams of doing likewise. Russia, which doesn't seem to have much of an ongoing astronaut program, still provides the rockets and launch



facilities that provide astronauts with access to the International Space Station. The Trump administration proposes to create a lunar base as a key step in sending astronauts to Mars. Elon Musk and Jeff Bezos have spent large sums on future human space missions. Indeed, Musk has already created a thriving rocket business, which NASA uses to resupply the Space Station, 250 miles above Earth's surface.

What benefits will flow from these efforts to send humans much farther into space? As children of the 1950s, we were _____(A)_____ by the satellites that began to circle Earth in 1957. Beyond any scientific returns, these efforts **elevated** the human spirit, reaching a peak on July 20, 1969, when Neil Armstrong set humanity's first footprints on the moon. During the 1960s, we became astronomers with a deep passion to explore the cosmos. But the past five decades have taught a clear lesson about how best to explore the cosmos. People venturing into space are fragile: They require a continuous supply of oxygen, water, food and shelter. In contrast, automated spacecraft require only a power supply. They cost far less than humans do, and we know how to improve them every year. And if they fail, we lose only dollars and scientific results. Whether the exploits proposed by Musk and Bezos will inspire us to greater efforts on Earth—or cause

us to imagine that we can forget about problems on our planet—remains an open question. Because little hope of curtailing these endeavours exists, we may do well to let them advance as the masters of space would wish, believing, as we always must, that humans will soon see the wisest way to proceed. None of our discussion and suggestions looks beyond the next few decades, a sufficiently long stretch of time to beware of the accuracy of our predictive abilities. If human civilization successfully overcomes its current problems and achieves long-term stability, we shall certainly send people to the other worlds in our solar system. If we create human colonies in space, their inhabitants might undergo evolutionary changes that make them more fit for space travel. If, as is likely to happen soon, we can **manipulate** the human genome as we like, we could manufacture a new set of beings designed for space travel.

None of these "ifs" tells us much about what we should do within the next few years. Nor do they rule out machines as superior to whatever humans we may invent. Meanwhile we would do well to ponder the current advantages that our automated explorers of realms close to Earth maintain over their human counterparts.

<https://blogs.scientificamerican.com/observations/do-we-really-need-to-send-humans-into-space/>



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101. Which of following options clearly illustrates the main idea of the given passage?

- A. Space exploration in modern times.
- B. The fragility of human life in space.
- C. The space race between Musk and Bezos.
- D. The advantage of machine over man in space exploration.
- E. Making humans viable for space research.

102. Which of the following is either a synonym or an antonym of the highlighted word used in the passage?

ELEVATED

- I. noble
- II. lowly
- III. tall
- A. Only II
- B. Both I and II
- C. Both I and III
- D. Both I and II
- E. All of these

103. Which of the following is/ are False with reference to the given passage?

- I) Automated planetary explorers can never come close to the human experience in uplifting our spirits.
- II) Limited to low-Earth orbits, astronauts have basically performed extensive experiments on the hazards and requirements of living in space-bound habitats.
- III) The contrast between astronaut and automated space missions will

grow ever stronger as we improve our miniaturization, virtual-reality and artificial-intelligence capabilities.

- A. Only I
- B. Only III
- C. Both I and III
- D. Both II and III
- E. None of these.

104. Which of the following is/ are True with reference to the given passage?

- I) The space exploration done during the 1950s and 60s made most children and adults enthusiastic about space.
- II) Many entrepreneurs have invested heavily in space related ventures.
- III) In future, humans will create colonies in other planets without fail.
- A. Only I
- B. Only III
- C. Both I and II
- D. Both II and III
- E. None of these.

105. Which of the following best expresses the similar meaning of the word "manipulate" as used in the passage?

- I) Culprit
- II) Culpable
- III) Cultural
- A. Only II
- B. Both I and II
- C. Only III
- D. Both II and III
- E. None of the above



106. Which of the following statements are a correct inference from the given passage?

A. At least 10 other dogs were launched into orbit before Yuri Gagarin became the first human in space.

B. The rocket continued to accelerate, but the force of acceleration, combined with the drag from the booms broke the aircraft mid-air.

C. Space travel requires incredibly complicated equipment, and the hostile environment of space poses a great risk to human travellers.

D. A less belligerent, but no less competitive, part of the Cold War between the Soviet Union and the United States was the space race which was ultimately won by the United States.

E. A commission appointed after the disaster, concluded that NASA violated its own safety rules, and that its organizational culture and decision-making processes were the main reasons behind the accident.

107. According to the author, what remains an open question?

A. Whether we can either forget the problems on planet earth or we can take greater effort to solve the problems.

B. Whether we need to let space explorers take questionable decisions to fund space exploration.

C. Whether we should understand that with time we will live on other planets.

D. Whether we should support the exploits of entrepreneurs.

E. None of the above.

108. According to the passage, which of the following statements talk about the 'what-if' scenarios in relation to space travel?

I) We may be able to establish contact with aliens which will facilitate space exploration.

II) Humans living in outer space colonies may develop abilities that will help in space travel.

III) Humans can be turned into robots that will be more suited to space travel.

A. Only I

B. Only II

C. Only III

D. Both I and II

E. Both II and III

109. Which of the following phrase fill the blank (A) in the given passage in a grammatically and conceptually correct manner?

A. Thrill and inspire

B. Thrilling and inspiring

C. Thrilled and inspiring

D. Thrill and inspired

E. thrilled and inspired

110. What is the tone of the given passage?

A. Tolerant

B. Subjective

C. Assertive

D. Ironic

E. Informative



Direction: In the following passage, there are blanks, each of which has been numbered. Against each blank, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

Cultural ties between India and Qatar are deep rooted. Qataris **(###Q1###)** India's cultural diversity. Both sides have been actively **(###Q2###)** our historic cultural bonds. There is a regular flow of Indian artists performing in Qatar at events organised by community organizations affiliated to the Indian Cultural Centre (ICC), apex body of associations of the Indian community functioning under the **(###Q3###)** of Embassy of India, Doha, and private sponsors. With the Embassy's cooperation and support, ICC is organizing, for the second time, a large scale Community Festival titled 'A Passage to India', aimed at presenting India in a composite way i.e. showcasing India's rich cultural **(###Q4###)** as well as strengths and achievements in different **(###Q5###)**. An ICCR-sponsored photo exhibition on Islamic Monuments of India, organised in Doha was also very popular. A few Indian films/documentaries are usually shown at the annual Film Festival of Doha Film Institute. Both countries had signed an Agreement on Cultural Cooperation during the

former Emir's visit. Qatari side has proposed to celebrate India-Qatar Year of Culture in 2019. Qatar was among the 177 countries that co-sponsored India's Resolution, adopted **(###Q6###)** by UNGA on 11 December, 2014, to declare 21 June as the International Day of Yoga (IDY). PM's letter to Qatar's Prime Minister (QPM), conveying thanks for Qatar's co-sponsorship, was presented by NSA to QPM in Doha. Embassy of India, Doha is in contact with the Indian community and Qatari **(###Q7###)** regarding activities to celebrate the first IDY on 21 June, 2015, highlighting yoga as a **(###Q8###)** way of life for human well-being, and balance and harmony among people and between human beings and nature. Yoga presentations and demonstrations would also be held during 'A Passage to India' Festival. Indian nationals comprise the largest **(###Q9###)** community in Qatar and are engaged in a wide spectrum of professionals, including medicine; engineering; education, finance; banking; business; media and labour. They are highly regarded in Qatar for their **(###Q10###)**, hard work, qualifications and services to the country where they are based.



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111. Find out the appropriate word in each case

- A. Disdain
- B. Admire
- C. Whoop
- D. Triumph
- E. Abominate

112. Find out the appropriate word in each case

- A. Promotion
- B. Evasion
- C. Omission
- D. Nurturing
- E. Aiding

113. Find out the appropriate word in each case

- A. Care
- B. Buckler
- C. Aegis
- D. Shako
- E. Hindrance

114. Find out the appropriate word in each case

- A. Diversity
- B. Difference
- C. Analogy
- D. Comparison
- E. Affinity

115. Find out the appropriate word in each case

- A. Spheres
- B. Provinces
- C. Globules
- D. Skies
- E. Access

116. Find out the appropriate word in each case

- A. Soundly
- B. Heartily
- C. Unanimously
- D. Apiece
- E. Intensely

117. Find out the appropriate word in each case

- A. Mentors
- B. Interlocutors
- C. Guides
- D. Advisor
- E. Panelists

118. Find out the appropriate word in each case

- A. Whole
- B. Mass
- C. Atomistical
- D. Holistic
- E. Dare

119. Find out the appropriate word in each case

- A. Domestic
- B. Expatriate
- C. Indegenious
- D. Common
- E. Proscribe

120. Find out the appropriate word in each case

- A. Fairness
- B. Artifice
- C. Delusion
- D. Moral
- E. Honesty



Direction: 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). The range of providers is also varied, from the herbal healer to the modern unqualified or quasi-qualified 'quack', and to the qualified practitioners of different systems of medicine, many of whom also regularly indulge in irrational practices.

(B). India has the largest private medical sector in the world.

(C). This leaves 12.4 lakh doctors of various systems of medicine in the private sector and one can safely assume that at least 80% of them (about 10 lakh) are economically active.

(D). Private medical practice flourishes almost everywhere in the country.

(E). Although there is no firm data available on the entire range of practitioners, we know that today there are about 14 lakh practitioners (1 per 715 population) registered with councils of various systems of medicine in the country.

(F). Of these only 1.6 lakh are in government service.

121. Which of the following will be the First sentence after rearrangement?

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

122. Which of the following will be the Second sentence after rearrangement?

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

123. Which of the following will be the Fourth sentence after rearrangement?

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

124. Which of the following will be the Fifth sentence after rearrangement?

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

125. Which of the following will be the Last sentence after rearrangement?

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

Direction: 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. 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.

126. The data, which is based on the findings (1)/ of the American Community Survey, shows (2) that the foreign-born population (3)/ of the USA rise by eight lakh in 2016.

(4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

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.

127. The smell of char flesh (1)/ and metal still lingered, and Lana covered her (2)/ mouth and nose with her hand (3)/ as she started forward again. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: 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. 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.

128. Rewards continue to pour in for (1)/ the members of Indian women's cricket team (2)/ after their stellar performance in (3)/ the recent concluded World Cup. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: 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. 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.

129. Black Panther was one of the (1)/ most-awaited Marvel movies and during (2)/ its theatrical run, it became the (3)/ largest grossing solo superhero film. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error



Direction: 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. 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.

130. India has been one of the top (1)/ tourist destinations around the world (2)/ for a long time then, especially (3)/ known for its rich cultural heritage. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits in the blank making the sentence grammatically correct and meaningful.

131. Even under great pressure, the emergency room doctor was the _____ of professionalism.

- A. Concurrence
- B. Jargon
- C. Notion
- D. Epitome
- E. Apprehension

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

132. The income of the children engaged in child labour is too _____ to have any significant effect on the economic condition of their families.

- A. Abundant
- B. Prevalent
- C. Outraging
- D. Meagre
- E. Offending

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

133. Human _____ and technological advancement makes it possible to increase production of goods and services.

- A. Insistence
- B. Ingenuity
- C. Tenacity
- D. Admonition
- E. Reprimand

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

134. His _____ personality will make him do whatever he wants and get anything that he desires.

- A. Pretentious
- B. Ostentatious
- C. Tenacious
- D. Flamboyant
- E. Extravagant



Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

135. Since I have not paid my credit card bill in several months, the issuer of the card has decided to _____ my spending rights.

- A. Terminated
- B. Had terminate
- C. Had been terminated
- D. Terminate
- E. Have terminated

Direction: A sentence divided into three parts I, II and III is given. Determine the part(s) which requires correction and mark it as your answer.

136. I've tried researching this philanthropist's (I) various entities, but they are multitudinous (II) and present a task I'd prefer not to undertake. (III)

- A. Only I
- B. Only II
- C. None of the segments
- D. Both II and III
- E. All I, II, and III

137. Both these methods, differing from that (I) now employed, is interesting as preliminary steps (II) towards the method of fluxions and the differential calculus. (III)

- A. All I, II, and III
- B. Only II
- C. Only I
- D. Both I and II
- E. Both II and III

138. We may here take note of three (I) important anonymously works, of which the first probably (II) and the other two certainly belong to the 6th century. (III)

- A. All I, II, and III
- B. Only II
- C. Both I and III
- D. Only III
- E. Both II and III

139. Given perfect information, frictionless (I) markets, and another theoretical impossibilities, a finite (II) amount of utility can be achieved in that way. (III)

- A. Only II
- B. Both I and II
- C. Both II and III
- D. All I, II, and III
- E. None of the segments

140. Each college are founded by royal decree, and (I) consists of a president, with not less (II) than ten and not more than twenty members. (III)

- A. None of the segments
- B. All I, II, and III
- C. Only II
- D. Only III
- E. Both I and II

141. Which bank has a headquarters in Bengaluru, Karnataka?

- A. Canara Bank
- B. Punjab National Bank
- C. Union Bank of India
- D. Oriental Bank of Commerce
- E. Corporation Bank



142. In which district of Karnataka Prime Minister Narendra Modi unveil a plaque for the foundation stone of a new helicopter manufacturing unit of Hindustan Aeronautics Limited (HAL)?

- A. Turuvekere district
- B. Chitradurga district
- C. Tumkur district
- D. Madhugiri district
- E. Sira district

143. Which bank has launched the country's first mortgage guarantee-backed home loan product in 2016 for their affordable housing segment?

- A. ICICI
- B. HDFC
- C. Axis
- D. BOB
- E. SBI

144. Hill stations like Ooty and Kodaikanal are located in which state of India?

- A. Tamil Nadu
- B. Karnataka
- C. Kerala
- D. Telangana
- E. Andhra Pradesh

145. Lima is the capital of which country?

- A. Latvia
- B. Peru
- C. Estonia
- D. Luxemburg
- E. Bolivia

146. Indian Financial System includes which type of banks?

- A. Scheduled Commercial Banks
- B. Non-Banking Financial Institutions
- C. Urban Co-operative Banks
- D. All the above
- E. None of these

147. What is World Bank projected growth for the Indian economy for 2016-17?

- A. 7.0%
- B. 7.6%
- C. 7.8%
- D. 8.0%
- E. None of the above

148. As per RBI guidelines, what minimum paid-up voting equity capital should have to get the Tap Universal banking licence?

- A. 500 Cr
- B. 1000 Cr
- C. 350 Cr
- D. 200 Cr
- E. 250 Cr

149. Which stock exchange has set up a new system called, Suspicious Transaction Reports (STRs) for reporting suspicious trades?

- A. NASDAQ
- B. NYSE
- C. BSE
- D. NSE
- E. Calcutta Stock Exchange



150. Who has been awarded the Central Banker of the Year Award for 2016?

- A. Viral Acharya
- B. Shikha Sharma
- C. Raghuram Rajan
- D. Shikha Sharma
- E. Duvvuri Subbarao

151. Name the third payment bank which got the licence to run as a payment bank in 2015?

- A. Airtel Payment Bank
- B. Paytm Payment Bank
- C. NSDL Payment Bank
- D. Jio Payment Bank
- E. India Post Payments Bank

152. Name the currency which Greece has replaced with Euro in 2001?

- A. Franc
- B. Greek Dollar
- C. Drachma
- D. Ruble
- E. Pound

153. To curb the flow of black money, the central government issued new guidelines, under which PAN was made mandatory for all transactions above what amount?

- A. 1 Lakh
- B. 5 Lakh
- C. 3 Lakh
- D. 10 Lakh
- E. 2 Lakh

154. As per the RBI guidelines for Scheduled Commercial Banks (excluding Regional Rural banks) and Small Finance Banks, the term "Bulk Deposit" refers to Single Rupee term deposits of Rupees _____.

- A. Rs. 25 lac and Above
- B. Rs. 75 lac and Above
- C. Rs. 2 crores and Above
- D. Rs. 50 lac and Above
- E. Rs. 10 lac and Above

155. Which state government launched e-Vahan Bima Scheme on January 2, 2016, to provide motor vehicles insurance policies electronically?

- A. Uttar Pradesh
- B. Gujarat
- C. Kerala
- D. Telangana
- E. Karnataka

156. Which country was hosted the South Asian Football Federation Cup 2015?

- A. India
- B. Sri Lanka
- C. Nepal
- D. The Maldives
- E. Bhutan

157. In 2016, Bharat Heavy Electricals Limited, BHEL has, commissioned a 660 MW supercritical unit for Lalitpur Super Thermal Power Project (STPP) in which state?

- A. Jharkhand
- B. West Bengal



- C. Punjab
- D. Uttar Pradesh
- E. Chhattisgarh

158. Name the firm which has acquired a video filter app called Masquerade?

- A. Snapchat
- B. Twitter
- C. Facebook
- D. Apple
- E. Adobe

159. Jishnu Raghavan, who passed away, was a/an _____.

- A. Kathakali Dancer
- B. Journalist
- C. Director
- D. Actor
- E. Musician

160. What is the full form of IMPS that helps transfer money by using mobile phones?

- A. Important Payment Service
- B. Immediate Payment Service
- C. Immediate Mobile Service
- D. Immediate Money Service
- E. Immediate Mobile Payment Service

161. The Pradhan Mantri Awaas Yojana – Gramin (PMAY-G) was launched in 2016 to boost the 'Housing for All' vision by 2022; how many houses will be constructed by 2019?

- A. 75 lakhs
- B. 1.50 lakhs
- C. 2.1 crore
- D. 1.12 crore
- E. None of the above

162. In 2015, the Government of India has launched Shishu, Tarun and Kishor Schemes, are associated with which sector?

- A. Health
- B. Banking
- C. Micro Unit Business Development
- D. Education
- E. None of the above

163. In 2016, United Nations Climate Change Conference, COP22, focusing on water scarcity, was held in which country?

- A. The USA
- B. Germany
- C. India
- D. Morocco
- E. Japan

164. Every year 9th January is observed as _____.

- A. World Students Day
- B. Parvasi Bharatiya Diwas
- C. World Literacy Day
- D. World Heart Day
- E. Malala Day

165. Gold Monetization Scheme replaces which scheme?

- A. Gold Deposit Scheme 1999
- B. Virtual Gold Scheme 2001
- C. Swarn Samridhi Yojana 2005
- D. Sovereign Gold Bond Scheme
- E. None of the above



166. What is the estimated outlay of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) for five year period?

- A. 1000 crore
- B. 5000 crore
- C. 10000 crore
- D. 50000 crore
- E. None of these

167.

'Stand up India' scheme launched by the Prime Minister recently is related with

- A. Promotion of entrepreneurship among SC, ST and Women
- B. Promotion of rights of Divyangs
- C. Promotion of compulsory education for women
- D. Promotion of Indian exports in western countries

168. The 103rd Indian Science Congress held in _____.

- A. Kochi, Kerala
- B. Chennai, Tamil Nadu
- C. Kolkata, West Bengal
- D. Mysuru, Karnataka
- E. Jaipur, Rajasthan

169. Which of the following is of Micro- Finance institution is a universal bank now?

- A. ESAF Finance Bank
- B. Bandhan Financial service
- C. Ujjivan Finance Bank
- D. AU Small Finance Bank
- E. Equitas Small Finance Bank

170. Recently, Kate Atkinson has won the Costa novel award for which novel?

- A. The Loney
- B. A God in Ruins
- C. The Lost Hero of Science
- D. The Lie Tree
- E. None of these

171. 'Mitra Shakti' is a joint military training exercise between India and which country?

- A. Bangladesh
- B. Russia
- C. Sri Lanka
- D. Nepal
- E. Japan

172. Who has been elected as President of Board of Control for Cricket in India (BCCI)?

- A. Anurag Takur
- B. Shashank Manohar
- C. Rajiv Shukla
- D. R Srinivasan
- E. None of these

173. For a BSBDA (Basic Savings Bank Deposit Account), total of debits by way of cash withdrawals and transfers will not exceed _____ in a month.

- A. Rs. 5000
- B. Rs. 10000
- C. Rs. 20000
- D. Rs. 25000
- E. Rs. 50000



174. Which of the following banks launched the "IndPay" Mobile App service?

- A. Indian Bank
- B. Dena Bank
- C. Punjab National Bank
- D. Karnataka Bank
- E. Axis Bank

175. Which of the following is the theme of world day of Social Justice 2017 celebrated by UN?

- A. Ending poverty, human trafficking and forced labour.
- B. Preventing conflict and sustaining peace through decent work.
- C. A Just Transition – environmentally sustainable economies and societies.
- D. Social Justice and Decent Life for All.
- E. None of these

176. Which of the following banks recently launched "Smart Vault" digital locker facility?

- A. SBI
- B. HDFC
- C. PNB
- D. NABARD
- E. ICICI

177. Recently, Abid Ali Neemuchwala appointed New CEO of _____.

- A. Infosys
- B. TCS
- C. Wipro
- D. HCL
- E. None of these

178. Who of the following has become the first batsman to score more than a 1,000 runs in an innings in any form of cricket?

- A. Ravindra Wade
- B. Pranav Dhanawade
- C. Prithvi Shaw
- D. Mobin Sheikh
- E. None of these

179. The New Bank of India has been merged with which bank?

- A. State Bank of India
- B. Central Bank of India
- C. Punjab National Bank
- D. Canara Bank

180. _____ assumed charge as the Governor of the Reserve Bank of India in September 2016.

- A. Dr. Panagariya
- B. Dr. Rakesh Mohan
- C. Dr. Raghuram Rajan
- D. Dr. Urjit R. Patel

181. In which of the following states is Buxa National Park situated?

- A. Punjab
- B. West Bengal
- C. Karnataka
- D. Haryana

182. Reserve Bank of India comes out with draft norms for 'on-tap' licensing of Small Finance Banks (SFBs). In the draft guidelines, the RBI has proposed the minimum paid-up equity capital of _____ for the SFBs.



- A. ₹100 crore
- B. ₹200 crore
- C. ₹300 crore
- D. ₹400 crore
- E. ₹500 crore

183. Prague is the capital of _____.

- A. Czech republic
- B. Austria
- C. Poland
- D. Romania
- E. Ukraine

184. What does 'A' stand for in 'NACH'?

- A. Application
- B. Arbitrage
- C. Automated
- D. Adjustment
- E. Assets

185. Bhartiya Mahila Bank is recently merged with

- A. Allahabad Bank
- B. SBI
- C. Bank of India
- D. Corporation Bank
- E. None of these

186. Bajrang Punia is related to which of the following sports?

- A. Basketball
- B. Volleyball
- C. Wrestling
- D. Swimming
- E. None of these

187. Pinaka Rocket Systems are developed by _____.

- A. ISRO
- B. DRDO

- C. HAL
- D. BrahMos Limited Company
- E. None of the above/More than one of the above

188. Recently, AB Bardhan passed away. He was a veteran leader of which political party?

- A. BJP
- B. Congress
- C. Communist Party of India
- D. Samajwadi Party
- E. Trinamool Congress

189. Which of the following committees has submitted report to Supreme Court for reforms in BCCI?

- A. H L Dattu committee
- B. R M Lodha committee
- C. P Sathasivam committee
- D. Chandra committee
- E. None of these

190. What is the target of advances lent by Regional Rural Banks for priority sector lending?

- A. 18%
- B. 40%
- C. 75%
- D. 8%
- E. 7.5%

191. What is the advantage of using basic HTML to create a document?

- A. HTML is very easy to use.
- B. The document can be displayed by all word processors.
- C. The document can be displayed by all programs.
- D. The document can be displayed by all browsers.
- E. None of these



192. Oracle is an example of _____ application software.

- A. Database
- B. word processing
- C. project management
- D. presentation graphics
- E. Desktop

193. A DVD is an example of a(n) _____.

- A. hard disk
- B. optical disk
- C. output device
- D. solid-state storage device
- E. None of above

194. Which type of computers is used to control air traffic and radar of national defence?

- A. Personal computers
- B. Analogue computers
- C. Hybrid computers
- D. Digital computers
- E. None of these

195. When we open an Internet site we see www. What is the full form of www?

- A. World Wide Woke up
- B. World Wide Web
- C. World Wide Works
- D. World Wide Spiderman Web
- E. None of these

196. Until a computer can recognize handwriting, an input device must _____.

- A. store the information in secondary storage
- B. optimize the information
- C. digitizing devices

D. show the information of the screen

E. become an output device also

197. The Indian Railways has launched which virtual server to optimise server usage and faster connectivity?

- A. RailCloud
- B. RailSagar
- C. RailSilver
- D. RailIndia
- E. RailBharat

198. In most WANs, the network contains numerous cables of telephone lines, each one connecting a pair of _____.

- A. Packet
- B. Star topology
- C. Router
- D. Antennas
- E. None of these

199. In order to create column data in Word, you need to _____.

- A. tab consecutively until your cursor reaches the desired place
- B. set tabs or use the Table menu
- C. use Excel
- D. press the space bar until your cursor reaches the desired place
- E. None of these

200. What program is used in MS-Word to check the spelling?

- A. Spellpro
- B. Spellcheck
- C. Outlook Express
- D. All of these
- E. None of these



201. Where is the newly received email stored?

- A. In your website
- B. In Address-box
- C. In Inbox
- D. In your personal laptop
- E. None of these

202. In half duplex mode _____.

- A. All stations can only transmit the data at a time.
- B. All the stations can only receive the data at a time
- C. All the stations in the network may transmit or receive but at different times
- D. All the stations in the network may transmit or receive at the same time
- E. None of these

203. _____ is used to add or put into your document such as a picture or text.

- A. TV
- B. Squeeze in
- C. Push in
- D. Insert
- E. None of these

204. _____ may be included in other folder while making hierarchical structure folder

- A. Mini folder
- B. Tiered folder
- C. Sub-folder
- D. Object
- E. None of these

205. _____ is a set of computer programs used on a computer to help perform tasks.

- A. An instruction
- B. Software
- C. Memory

- D. A processor
- E. None of these

206. Which among the following is not a web browser?

- A. Safari
- B. Windows
- C. Google Chrome
- D. Netscape
- E. Mozilla Firefox

207. _____ is approximately one billion bytes.

- A. Megabyte
- B. Kilobyte
- C. Terabyte
- D. Gigabyte
- E. Bit

208. A printer is this kind of device

- A. input
- B. word processing
- C. processing
- D. output
- E. None of these

209. HTTP in URL stands for _____.

- A. Hyper Text to Point
- B. Hyperlink for Tiny Text Protocol
- C. Highlighted Text Through Pictures
- D. Hyper Text Transfer Protocol
- E. None of these

210. Which of the following is not an operating system?

- A. DOS
- B. MS-Access
- C. Linux
- D. Windows
- E. None of these



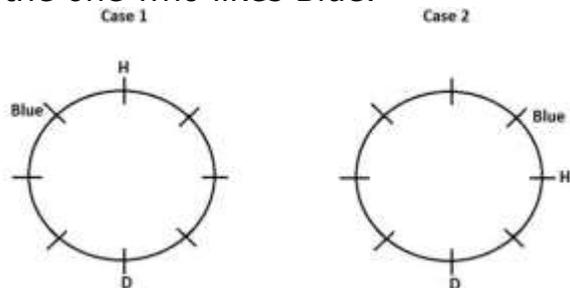
ANSWERS

1. Ans. B.

1) Two people sit between D and the one who likes Blue.

Here, we have two possible cases i.e. Case 1 and Case 2.

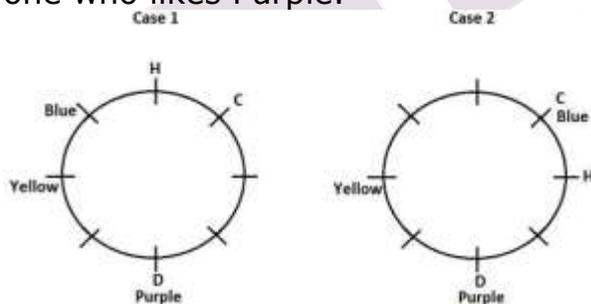
2) H sits to the immediate right of the one who likes Blue.



3) The one who likes Yellow sits second to the right of D.

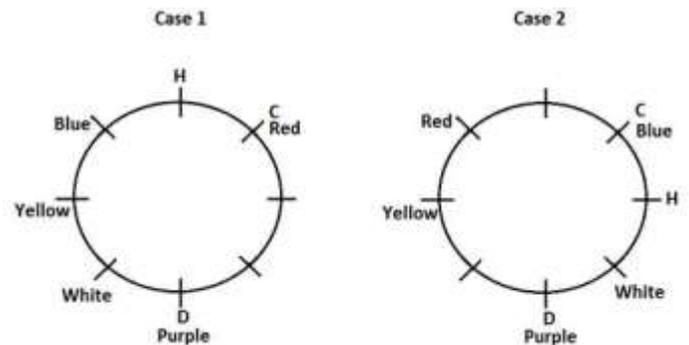
4) Two people sit between the one who likes Yellow and C who is not adjacent to D.

5) Two people sit between C and the one who likes Purple.



6) The one who likes Red and the one who likes White sit opposite to each other.

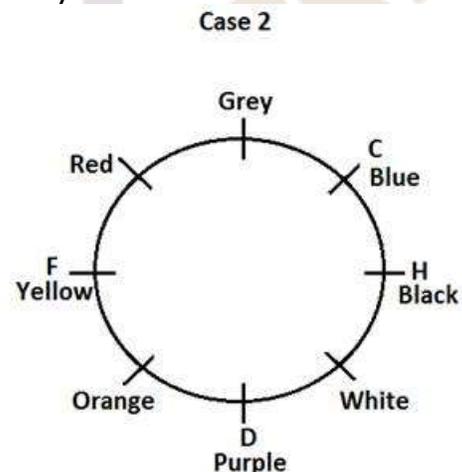
7) The one who likes Red doesn't sit adjacent to D.



8) F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black.

Here, Case 1 gets eliminated.

9) The one who likes Orange sits third to the left of the one who likes Grey.

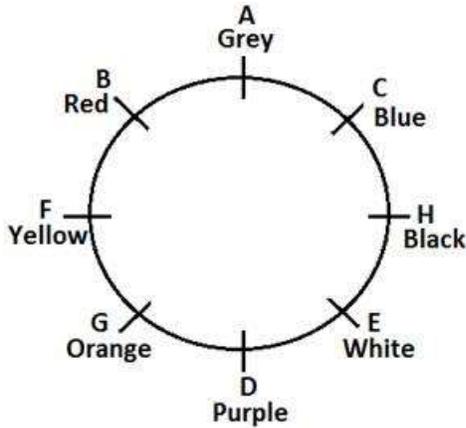


10) A sits third to the left of the one who likes White and third to the right of G.

11) B doesn't like White.

Here, we have the final arrangement:





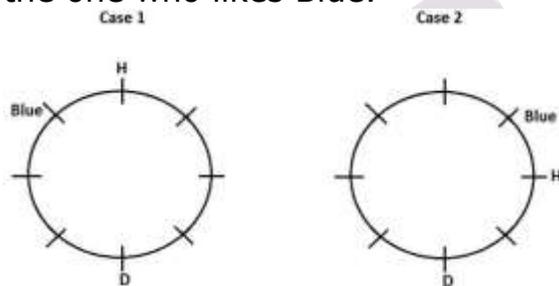
Clearly, G likes Orange.

2. Ans. C.

1) Two people sit between D and the one who likes Blue.

Here, we have two possible cases i.e. Case 1 and Case 2.

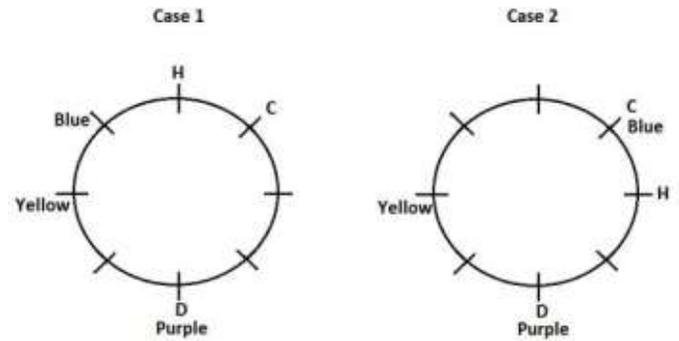
2) H sits to the immediate right of the one who likes Blue.



3) The one who likes Yellow sits second to the right of D.

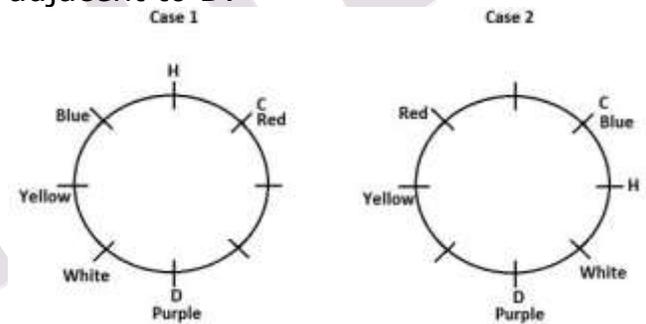
4) Two people sit between the one who likes Yellow and C who is not adjacent to D.

5) Two people sit between C and the one who likes Purple.



6) The one who likes Red and the one who likes White sit opposite to each other.

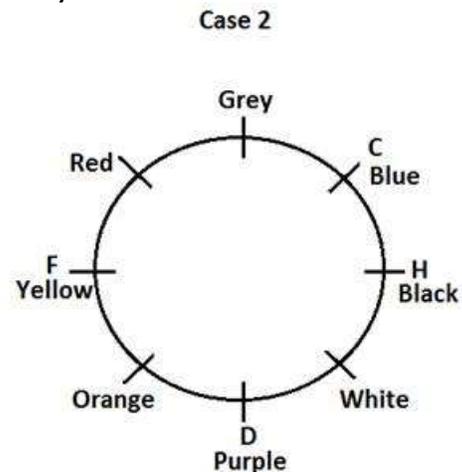
7) The one who likes Red doesn't sit adjacent to D.



8) F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black.

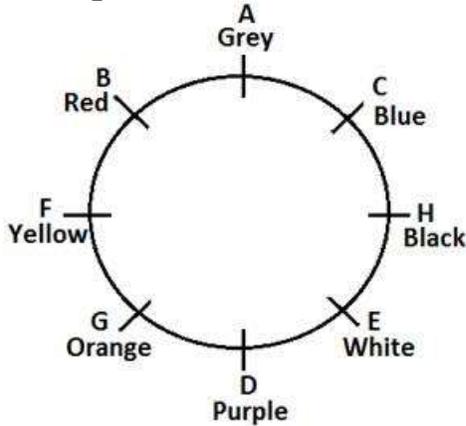
Here, Case 1 gets eliminated.

9) The one who likes Orange sits third to the left of the one who likes Grey.



10) A sits third to the left of the one who likes White and third to the right of G.

11) B doesn't like White. Here, we have the final arrangement:



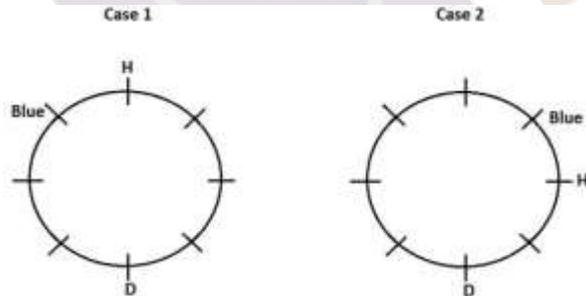
Clearly, five people sit between the one who likes Yellow and A when counted from the right of A.

3. Ans. D.

1) Two people sit between D and the one who likes Blue.

Here, we have two possible cases i.e. Case 1 and Case 2.

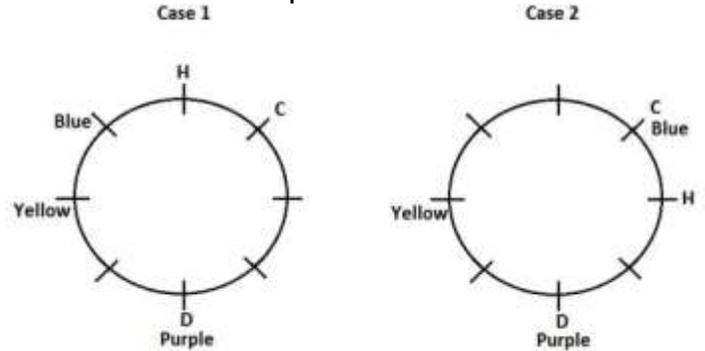
2) H sits to the immediate right of the one who likes Blue.



3) The one who likes Yellow sits second to the right of D.

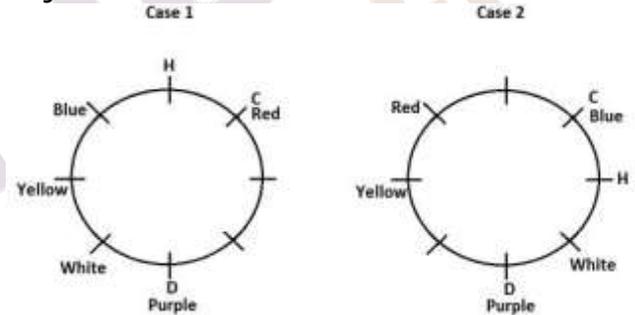
4) Two people sit between the one who likes Yellow and C who is not adjacent to D.

5) Two people sit between C and the one who likes Purple.



6) The one who likes Red and the one who likes White sit opposite to each other.

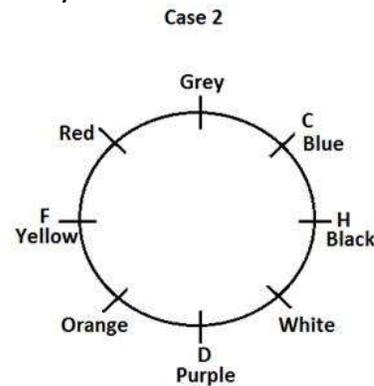
7) The one who likes Red doesn't sit adjacent to D.



8) F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black.

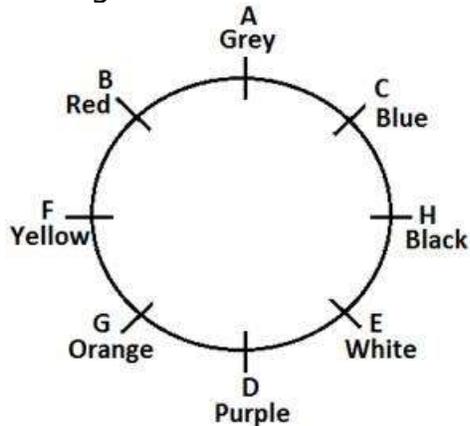
Here, Case 1 gets eliminated.

9) The one who likes Orange sits third to the left of the one who likes Grey.



10) A sits third to the left of the one who likes White and third to the right of G.

11) B doesn't like White. Here, we have the final arrangement:



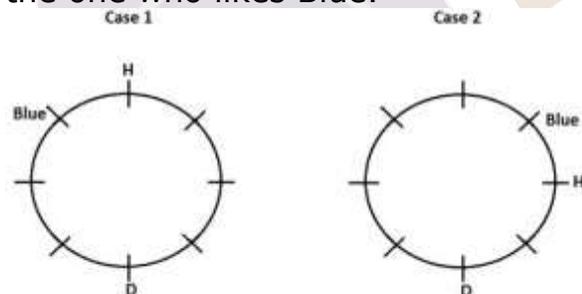
Clearly, E sits third to the left of the one who likes Red.

4. Ans. D.

1) Two people sit between D and the one who likes Blue.

Here, we have two possible cases i.e. Case 1 and Case 2.

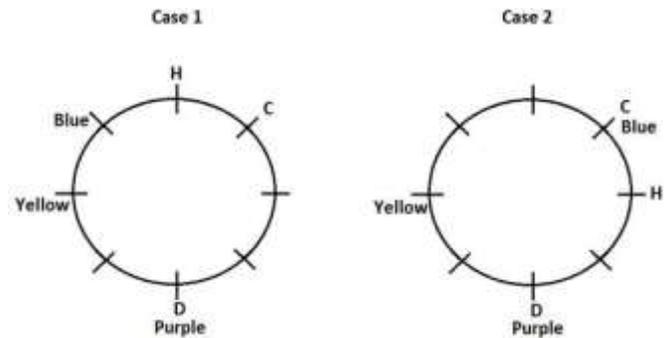
2) H sits to the immediate right of the one who likes Blue.



3) The one who likes Yellow sits second to the right of D.

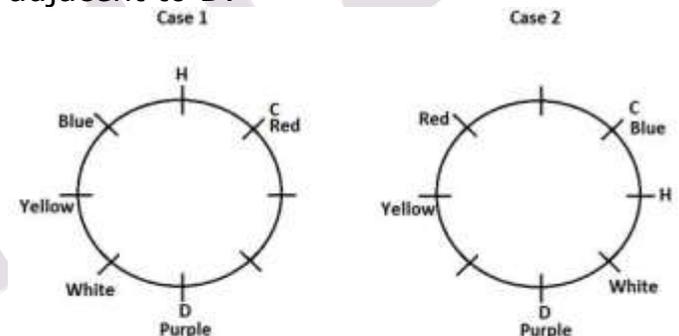
4) Two people sit between the one who likes Yellow and C who is not adjacent to D.

5) Two people sit between C and the one who likes Purple.



6) The one who likes Red and the one who likes White sit opposite to each other.

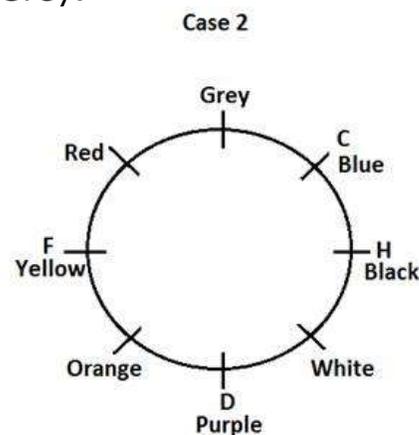
7) The one who likes Red doesn't sit adjacent to D.



8) F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black.

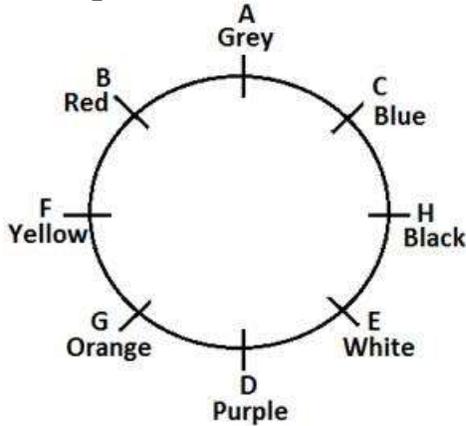
Here, Case 1 gets eliminated.

9) The one who likes Orange sits third to the left of the one who likes Grey.



10) A sits third to the left of the one who likes White and third to the right of G.

11) B doesn't like White. Here, we have the final arrangement:



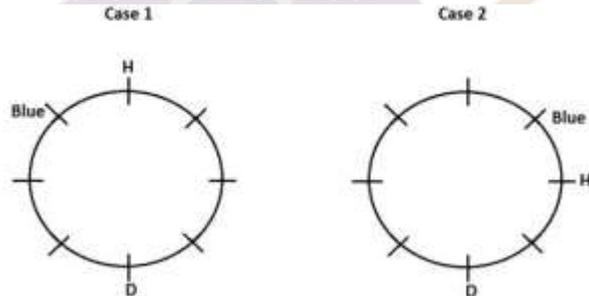
Clearly, H likes Black.

5. Ans. C.

1) Two people sit between D and the one who likes Blue.

Here, we have two possible cases i.e. Case 1 and Case 2.

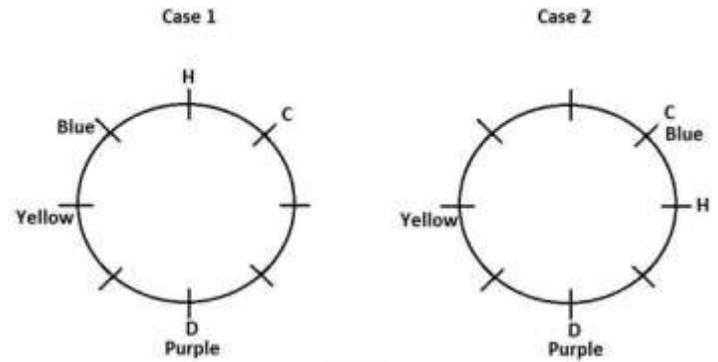
2) H sits to the immediate right of the one who likes Blue.



3) The one who likes Yellow sits second to the right of D.

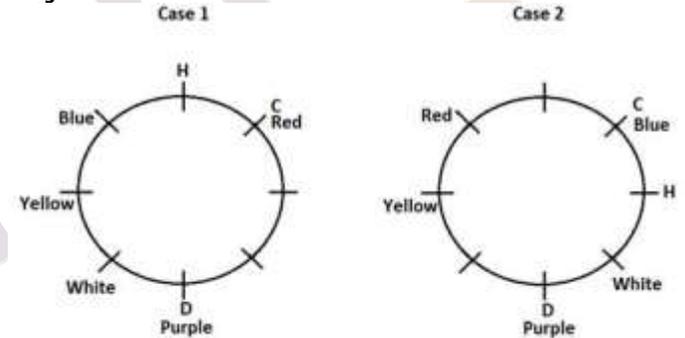
4) Two people sit between the one who likes Yellow and C who is not adjacent to D.

5) Two people sit between C and the one who likes Purple.



6) The one who likes Red and the one who likes White sit opposite to each other.

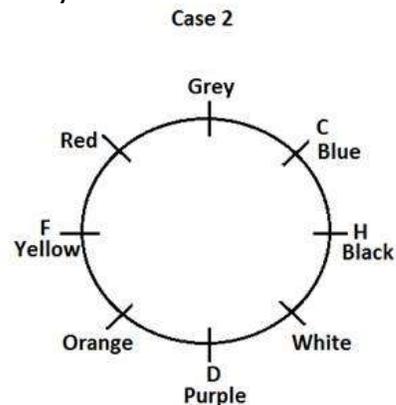
7) The one who likes Red doesn't sit adjacent to D.



8) F sits to the immediate left of the one who likes Red and sits opposite to the one who likes Black.

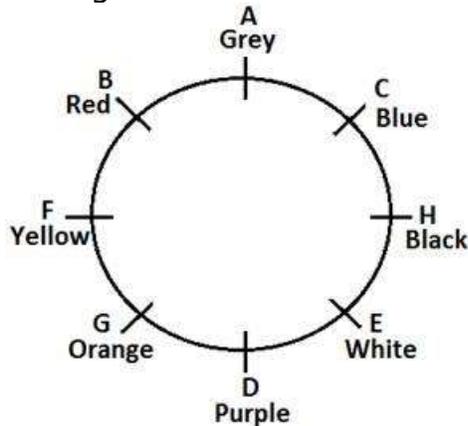
Here, Case 1 gets eliminated.

9) The one who likes Orange sits third to the left of the one who likes Grey.



10) A sits third to the left of the one who likes White and third to the right of G.

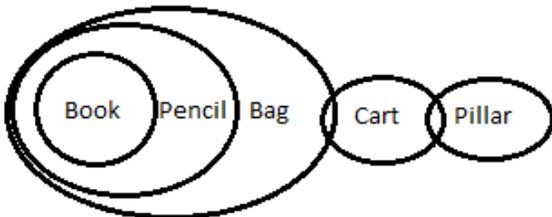
11) B doesn't like White. Here, we have the final arrangement:



Clearly, 'A, E' doesn't belong to that group because all the other pairs are the neighbours of each other.

6. Ans. D.

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some pillars are bags → It's not definitely sure, hence false.

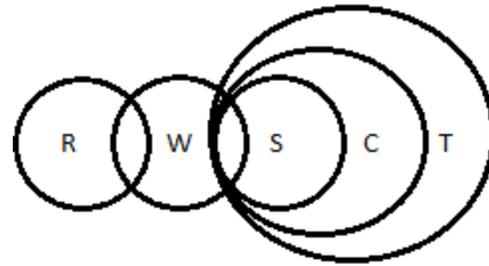
II. Some carts are pencils → It's not definitely sure, hence false.

III. Some bags are books → It's sure, hence true.

Clearly, only conclusion III follows.

7. Ans. B.

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some trains are white → It's sure, hence true.

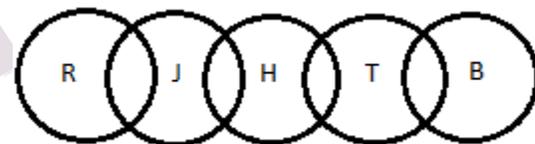
II. Some charcoals are red → It's not sure, hence false.

III. Some silver are red → It's not sure, hence false.

Clearly, only conclusion I follows.

8. Ans. A.

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some blocks are home → It's not sure, hence false.

II. Some tracks are jellies → It's not sure, hence false.

III. Some homes are rosary → It's not sure, hence false.

Clearly, none follows.

9. Ans. E.

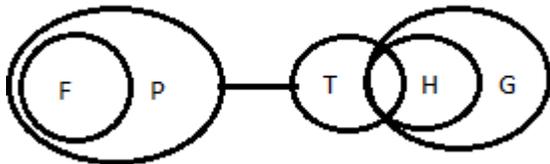
The least possible Venn diagram for the given statements is as follows:



Conclusions:



I. Some channels are plain → It's sure, hence true.
 II. Some new is kite → It's not sure, hence false.
 III. Some plains are papers → It's sure, hence true.
 Clearly, conclusions I and III follow.
 10. Ans. E.
 The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some grasses are flower → It's not sure, hence false.
 II. No grass is flower → It's not sure, hence false.
 III. Some grasses are trees → It's sure, hence true.
 Clearly, only either I or II and III follow.
 11. Ans. A.

ORGANISE

12. Ans. D.
 1) B is junior to the Manager.
 2) There is one designation between B and D's designations.

Case 1

CMD	
MD	
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	
Manager	D
Analyst	
Accountant	B

3) A is immediately senior to D.
 4) A is not the MD.
 (Here case 1 will be eliminated and we will continue with the case 2)

Case 1

CMD	
MD	A
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	A
Manager	D
Analyst	
Accountant	B

5) F is junior to the MD.
 6) C is not the CMD.

CMD	E
MD	C
GM	A
Manager	D
Analyst	F
Accountant	B

Therefore, option D is the correct answer.

13. Ans. A.
 1) B is junior to the Manager.
 2) There is one designation between B and D's designations.



Case 1

CMD	
MD	
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	
Manager	D
Analyst	
Accountant	B

- 3) A is immediately senior to D.
 - 4) A is not the MD.
- (Here case 1 will be eliminated and we will continue with the case 2)

Case 1

CMD	
MD	A
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	A
Manager	D
Analyst	
Accountant	B

- 5) F is junior to the MD.
- 6) C is not the CMD.

CMD	E
MD	C
GM	A
Manager	D
Analyst	F
Accountant	B

Therefore, option A is the correct answer.

14. Ans. C.
- 1) B is junior to the Manager.
 - 2) There is one designation between B and D's designations.

Case 1

CMD	
MD	
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	
Manager	D
Analyst	
Accountant	B

- 3) A is immediately senior to D.
 - 4) A is not the MD.
- (Here case 1 will be eliminated and we will continue with the case 2)

Case 1

CMD	
MD	A
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	A
Manager	D
Analyst	
Accountant	B

- 5) F is junior to the MD.
- 6) C is not the CMD.

CMD	E
MD	C
GM	A
Manager	D
Analyst	F
Accountant	B

Therefore, option C is the correct answer.

15. Ans. B.
- 1) B is junior to the Manager.
 - 2) There is one designation between B and D's designations.



Case 1

CMD	
MD	
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	
Manager	D
Analyst	
Accountant	B

- 3) A is immediately senior to D.
 - 4) A is not the MD.
- (Here case 1 will be eliminated and we will continue with the case 2)

Case 1

CMD	
MD	A
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	A
Manager	D
Analyst	
Accountant	B

- 5) F is junior to the MD.
- 6) C is not the CMD.

CMD	E
MD	C
GM	A
Manager	D
Analyst	F
Accountant	B

Therefore, option B is the correct answer.

16. Ans. C.

- 1) B is junior to the Manager.
- 2) There is one designation between B and D's designations.

Case 1

CMD	
MD	
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	
Manager	D
Analyst	
Accountant	B

- 3) A is immediately senior to D.
 - 4) A is not the MD.
- (Here case 1 will be eliminated and we will continue with the case 2)

Case 1

CMD	
MD	A
GM	D
Manager	
Analyst	B
Accountant	

Case 2

CMD	
MD	
GM	A
Manager	D
Analyst	
Accountant	B

- 5) F is junior to the MD.
- 6) C is not the CMD.

CMD	E
MD	C
GM	A
Manager	D
Analyst	F
Accountant	B

Therefore, option C is the correct answer.

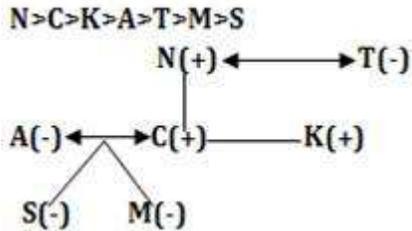
17. Ans. E.

For family tree,

- 1. S and M are granddaughters of N, who is father of C.



2. A is sister-in-law of K.
3. T has only two sons.
4. A is shorter than three persons but taller than her daughters. This implies A has atleast two daughters.



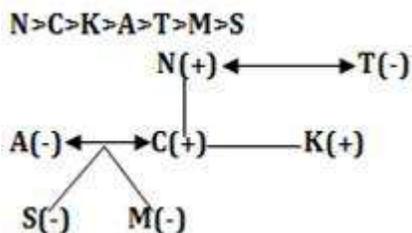
For Height arrangement,

1. No male is shorter than females.
2. A is shorter than three persons but taller than her daughters.
3. K is shorter than his brother and father.
4. The one who is the oldest person in the family is the tallest.
5. M is not taller than her grandmother.

18. Ans. C.

For family tree,

1. S and M are granddaughters of N, who is father of C.
2. A is sister-in-law of K.
3. T has only two sons.
4. A is shorter than three persons but taller than her daughters. This implies A has atleast two daughters.



For Height arrangement,

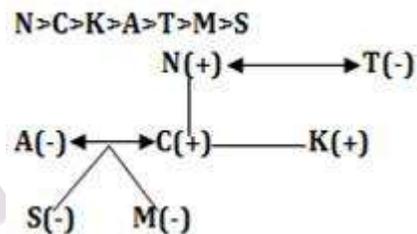
1. No male is shorter than females.
2. A is shorter than three persons but taller than her daughters.

3. K is shorter than his brother and father.
4. The one who is the oldest person in the family is the tallest.
5. M is not taller than her grandmother.

19. Ans. A.

For family tree,

1. S and M are granddaughters of N, who is father of C.
2. A is sister-in-law of K.
3. T has only two sons.
4. A is shorter than three persons but taller than her daughters. This implies A has atleast two daughters.



For Height arrangement,

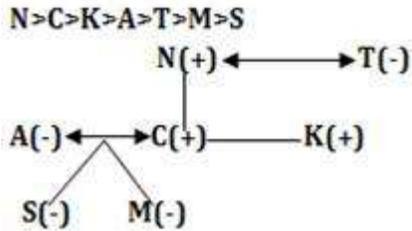
1. No male is shorter than females.
2. A is shorter than three persons but taller than her daughters.
3. K is shorter than his brother and father.
4. The one who is the oldest person in the family is the tallest.
5. M is not taller than her grandmother.

20. Ans. B.

For family tree,

1. S and M are granddaughters of N, who is father of C.
2. A is sister-in-law of K.
3. T has only two sons.
4. A is shorter than three persons but taller than her daughters. This implies A has atleast two daughters.





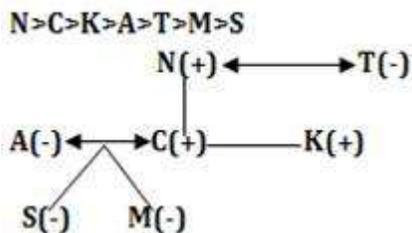
For Height arrangement,

1. No male is shorter than females.
2. A is shorter than three persons but taller than her daughters.
3. K is shorter than his brother and father.
4. The one who is the oldest person in the family is the tallest.
5. M is not taller than her grandmother.

21. Ans. A.

For family tree,

1. S and M are granddaughters of N, who is father of C.
2. A is sister-in-law of K.
3. T has only two sons.
4. A is shorter than three persons but taller than her daughters. This implies A has atleast two daughters.



For Height arrangement,

1. No male is shorter than females.
2. A is shorter than three persons but taller than her daughters.
3. K is shorter than his brother and father.
4. The one who is the oldest person in the family is the tallest.
5. M is not taller than her grandmother.

22. Ans. C.

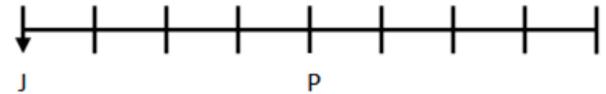
Persons: J, K, L, M, N, O, P, Q and R

Directions: South and North

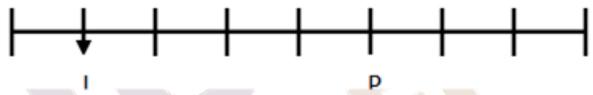
Steps:

- 1) J is not facing the north direction.
- 2) P is fourth to the left of J.

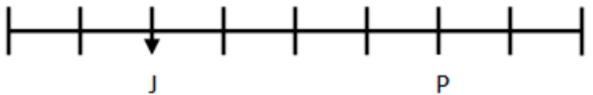
Case 1:



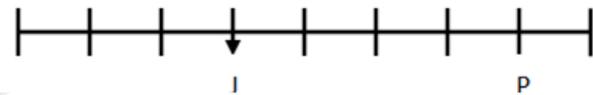
Case 2:



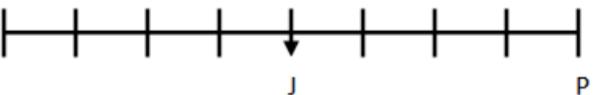
Case 3:



Case 4:



Case 5:



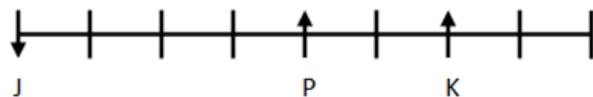
3) Only Q is facing the same direction which J faces.

Thus, only Q and J face south and all others face north.

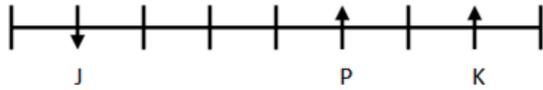
4) J is sixth to the left of K.

Thus, Case 4 and Case 5 are eliminated.

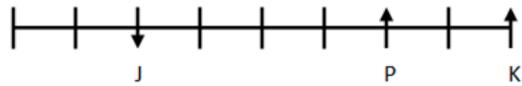
Case 1:



Case 2:

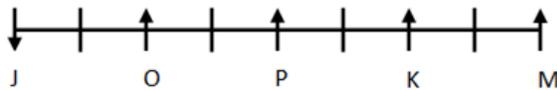


Case 3:

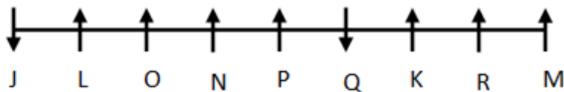


5) O is fourth to the left of K.
6) O is sixth to the left of M.
Thus, Case 2 and Case 3 are eliminated.

Case 1:



7) L is sixth to the left of R.
8) N is second to the right of Q, who is not a neighbour of O.
Thus, the final arrangement is as below:



Hence, P is sitting exactly in the middle of the row.

23. Ans. D.

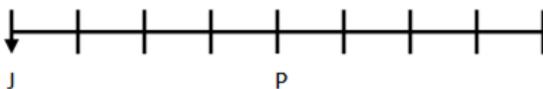
Persons: J, K, L, M, N, O, P, Q and R

Directions: South and North

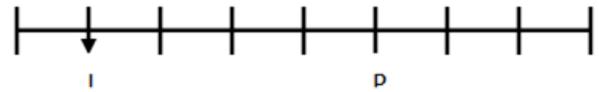
Steps:

- 1) J is not facing the north direction.
- 2) P is fourth to the left of J.

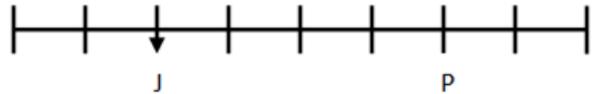
Case 1:



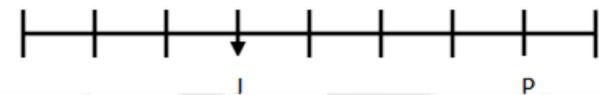
Case 2:



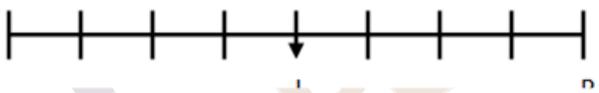
Case 3:



Case 4:



Case 5:



3) Only Q is facing the same direction which J faces.

Thus, only Q and J face south and all others face north.

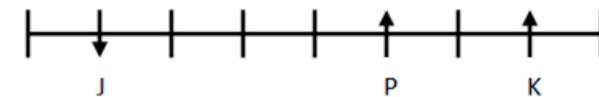
4) J is sixth to the left of K.

Thus, Case 4 and Case 5 are eliminated.

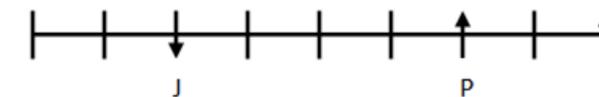
Case 1:



Case 2:



Case 3:



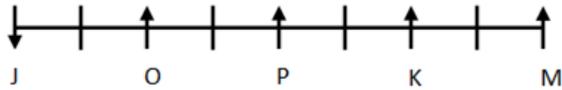
5) O is fourth to the left of K.

6) O is sixth to the left of M.



Thus, Case 2 and Case 3 are eliminated.

Case 1:



7) L is sixth to the left of R.
 8) N is second to the right of Q, who is not a neighbour of O.
 Thus, the final arrangement is as below:



Hence, P and Q don't belong to the group.

24. Ans. D.

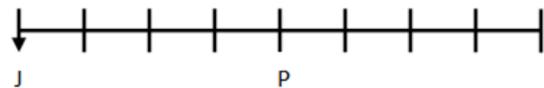
Persons: J, K, L, M, N, O, P, Q and R

Directions: South and North

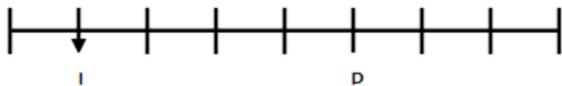
Steps:

- 1) J is not facing the north direction.
- 2) P is fourth to the left of J.

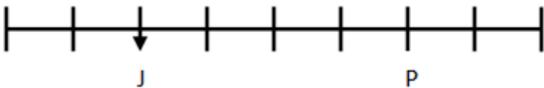
Case 1:



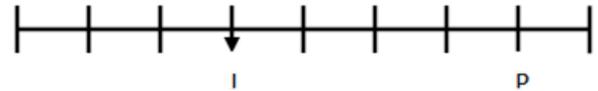
Case 2:



Case 3:



Case 4:

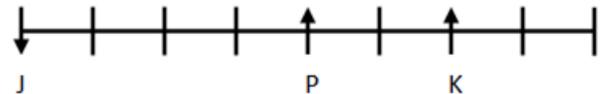


Case 5:

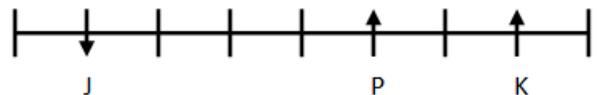


- 3) Only Q is facing the same direction which J faces.
 Thus, only Q and J face south and all others face north.
- 4) J is sixth to the left of K.
 Thus, Case 4 and Case 5 are eliminated.

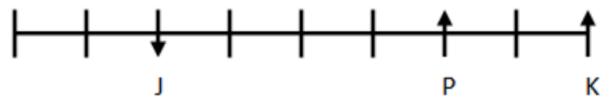
Case 1:



Case 2:

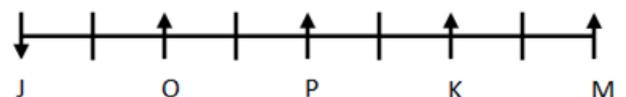


Case 3:



- 5) O is fourth to the left of K.
- 6) O is sixth to the left of M.
 Thus, Case 2 and Case 3 are eliminated.

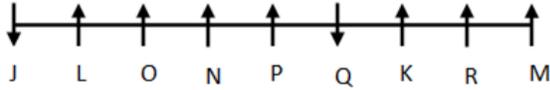
Case 1:



7) L is sixth to the left of R.



8) N is second to the right of Q, who is not a neighbour of O.
Thus, the final arrangement is as below:



Hence, N and Q are sitting at the extreme ends after interchange.

25. Ans. C.

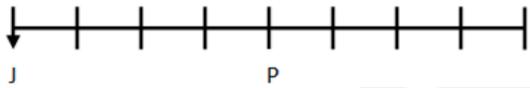
Persons: J, K, L, M, N, O, P, Q and R

Directions: South and North

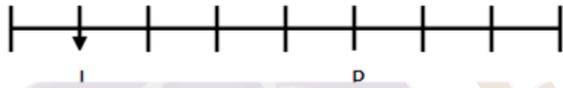
Steps:

- 1) J is not facing the north direction.
- 2) P is fourth to the left of J.

Case 1:



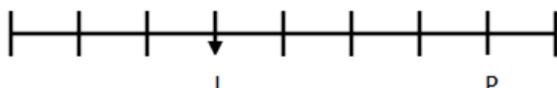
Case 2:



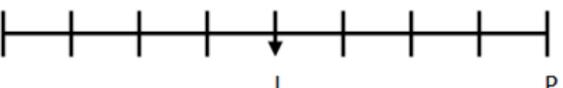
Case 3:



Case 4:



Case 5:



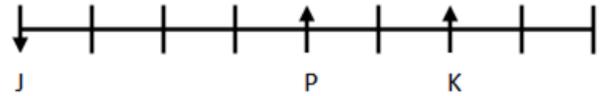
3) Only Q is facing the same direction which J faces.

Thus, only Q and J face south and all others face north.

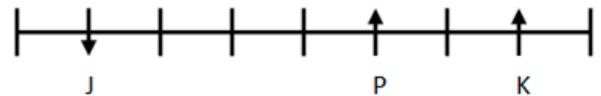
4) J is sixth to the left of K.

Thus, Case 4 and Case 5 are eliminated.

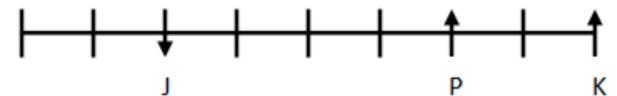
Case 1:



Case 2:



Case 3:

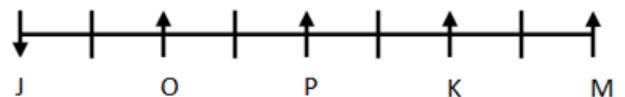


5) O is fourth to the left of K.

6) O is sixth to the left of M.

Thus, Case 2 and Case 3 are eliminated.

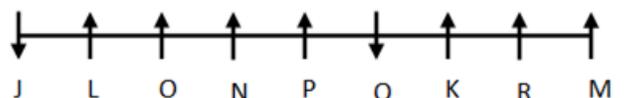
Case 1:



7) L is sixth to the left of R.

8) N is second to the right of Q, who is not a neighbour of O.

Thus, the final arrangement is as below:



Hence, 'K sits immediate left of the one who sits second to the left of Q' is the true statement.



26. Ans. C.

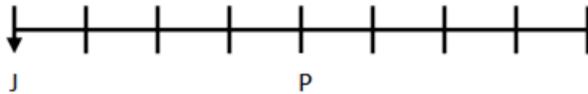
Persons: J, K, L, M, N, O, P, Q and R

Directions: South and North

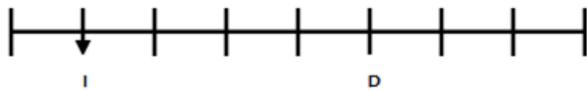
Steps:

- 1) J is not facing the north direction.
- 2) P is fourth to the left of J.

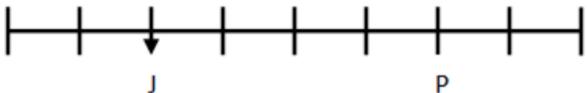
Case 1:



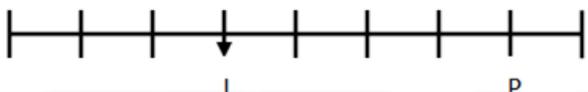
Case 2:



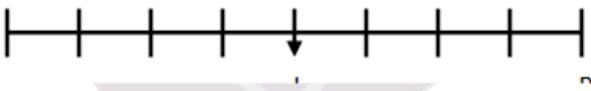
Case 3:



Case 4:



Case 5:



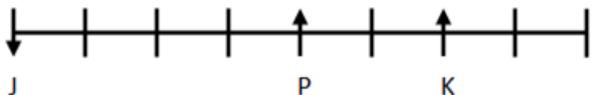
3) Only Q is facing the same direction which J faces.

Thus, only Q and J face south and all others face north.

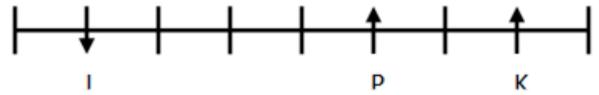
4) J is sixth to the left of K.

Thus, Case 4 and Case 5 are eliminated.

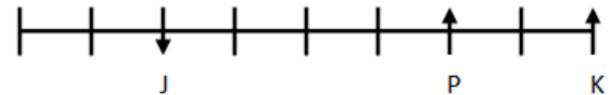
Case 1:



Case 2:



Case 3:

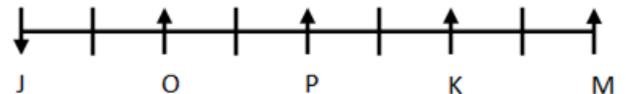


5) O is fourth to the left of K.

6) O is sixth to the left of M.

Thus, Case 2 and Case 3 are eliminated.

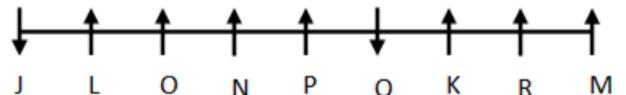
Case 1:



7) L is sixth to the left of R.

8) N is second to the right of Q, who is not a neighbour of O.

Thus, the final arrangement is as below:



Hence, two people are sitting to the left of O.

27. Ans. C.

Given **Statements:** $E > R = T > Y$, $V \geq Z = R \geq P$, $M \leq D = O < S$, $V > S = E$

Conclusions:

I. $D > R$ – It is false (as $D = O < S = E > R$)

II. $Y < V$ – It is true (as $V > S = E > R = T > Y$)



III. $O > P$ – It is false (as $O < S = E > R \geq P$)

Hence, only conclusion II is true.

28. Ans. D.

Given **Statements:** $C \leq G = Y < J$,
 $B > U = I \geq L$, $X = G \leq F < L$, $E > K = S \geq F$

Conclusions:

I. $X < K$ – It is false (as $X = G \leq F \leq S = K$)

II. $L > Y$ – It is true ($L > F \geq G = Y$)

III. $K = X$ – It is false (as $X = G \leq F \leq S = K$)

Since, conclusion I and III make a complimentary pair, so it is a case of either-or.

Hence, either I or III and II are true.

29. Ans. E.

Given **Statements:** $W = Q > D \geq F$,
 $J < M < C \geq K$, $D = O \geq S > C$, $H \geq K = X \geq A$

Conclusions:

I. $M > Q$ – It is false (as $M < C < S \leq O = D < Q$)

II. $A \leq J$ – It is false (as $J < M < C \geq K = X \geq A$)

III. $W < S$ – It is false (as $W > Q > D = O \geq S$)

Hence, none are true.

30. Ans. A.

Given **Statements:** $E \leq B < M \geq K$,
 $M = S \leq D > R$, $Q < H \leq R = Z$, $T > A \geq H \geq G$

Conclusions:

I. $D > T$ – It is false (as $D > R \geq H \leq A < T$)

II. $G \leq Z$ – It is true (as $Z = R \geq H \geq G$)

III. $B < R$ – It is false (as $B < M = S \leq D > R$)

Hence, only conclusions II is true.

31. Ans. E.

Given **Statements:** $Q < W \geq Z > X$,
 $G < H \leq J \leq X$, $A = S \leq Y > H$, $L = O > M = A$

Conclusions:

I. $L \geq H$ – It is false (as $L = O > M = A = S \leq Y > H$)

II. $W > S$ – It is false (as $W \geq Z > X \geq J \geq H < Y \geq S$)

III. $X \geq Y$ – It is false (as $X \geq J \geq H < Y$)

Hence, none are true.

32. Ans. E.

E, D, I and T are the 2nd, 3rd, 4th and 7th letter respectively.

New word - TIDE, DIET

33. Ans. A.

E who studies in the same standard with C and have test on a day before Thursday.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E.

D is the last person to attend the test.

Case I:

Days	Persons	Standards	Sports
Monday			
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday			
Friday			
Saturday	D		

Case II:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday			
Thursday			
Friday			
Saturday	D		



A plays in the Soccer team.
 D is not the youngest student.
 B who does not study in the same standard with D took his test immediately after F.
 F plays in the Volleyball team.
 Case I:

Days	Persons	Standards	Sports
Monday	A		Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	F		
Thursday	B	VI	
Friday	A		Soccer
Saturday	D	VII	

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	A		Soccer
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

F is elder than A.
 B and D play in the same team but not in the Volleyball team.
 Students took the test on a day after Thursday do not play Volleyball or Soccer.
 E and F play in the same team.
 Case I:

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	F	VII	Volleyball
Thursday	B	VI	Cricket
Friday	A	VI	Soccer
Saturday	D	VII	Cricket

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	A	VI	Soccer
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Students who play Soccer took the test before Friday.
 Thus, Case IIA is invalid.
 Any Volleyball player did not take the test immediately before or after any Soccer players.
 Thus, Case IIB is invalid.

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Therefore, this is the final arrangement.
 One person student play in the Soccer team.



34. Ans. C.

E who studies in the same standard with C and have test on a day before Thursday.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E.

D is the last person to attend the test.

Case I:

Days	Persons	Standards	Sports
Monday			
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday			
Friday			
Saturday	D		

Case II:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday			
Thursday			
Friday			
Saturday	D		

A plays in the Soccer team.

D is not the youngest student.

B who does not study in the same standard with D took his test immediately after F.

F plays in the Volleyball team.

Case I:

Days	Persons	Standards	Sports
Monday	A		Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	F		
Thursday	B	VI	
Friday	A		Soccer
Saturday	D	VII	

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	A		Soccer
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

F is elder than A.

B and D play in the same team but not in the Volleyball team.

Students took the test on a day after Thursday do not play Volleyball or Soccer.

E and F play in the same team.

Case I:



Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	F	VII	Volleyball
Thursday	B	VI	Cricket
Friday	A	VI	Soccer
Saturday	D	VII	Cricket

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	A	VI	Soccer
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Students who play Soccer took the test before Friday.

Thus, Case IIA is invalid.

Any Volleyball player did not take the test immediately before or after any Soccer players.

Thus, Case IIB is invalid.

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Therefore, this is the final arrangement.

D plays cricket is the only correct statement given above.

35. Ans. D.

E who studies in the same standard with C and have test on a day before Thursday.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E.

D is the last person to attend the test.

Case I:

Days	Persons	Standards	Sports
Monday			
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday			
Friday			
Saturday	D		

Case II:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday			
Thursday			
Friday			
Saturday	D		

A plays in the Soccer team.

D is not the youngest student.

B who does not study in the same standard with D took his test immediately after F.

F plays in the Volleyball team.

Case I:



Days	Persons	Standards	Sports
Monday	A		Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	F		
Thursday	B	VI	
Friday	A		Soccer
Saturday	D	VII	

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	A		Soccer
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

F is elder than A.
 B and D play in the same team but not in the Volleyball team.
 Students took the test on a day after Thursday do not play Volleyball or Soccer.
 E and F play in the same team.
 Case I:

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	F	VII	Volleyball
Thursday	B	VI	Cricket
Friday	A	VI	Soccer
Saturday	D	VII	Cricket

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	A	VI	Soccer
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Students who play Soccer took the test before Friday.
 Thus, Case IIA is invalid.
 Any Volleyball player did not take the test immediately before or after any Soccer players.
 Thus, Case IIB is invalid.

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Therefore, this is the final arrangement.
 E studies in standard IX.



36. Ans. D.

E who studies in the same standard with C and have test on a day before Thursday.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E.

D is the last person to attend the test.

Case I:

Days	Persons	Standards	Sports
Monday			
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday			
Friday			
Saturday	D		

Case II:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday			
Thursday			
Friday			
Saturday	D		

A plays in the Soccer team.

D is not the youngest student.

B who does not study in the same standard with D took his test immediately after F.

F plays in the Volleyball team.

Case I:

Days	Persons	Standards	Sports
Monday	A		Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	F		
Thursday	B	VI	
Friday	A		Soccer
Saturday	D	VII	

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	A		Soccer
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

F is elder than A.

B and D play in the same team but not in the Volleyball team.

Students took the test on a day after Thursday do not play Volleyball or Soccer.

E and F play in the same team.

Case I:



Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	F	VII	Volleyball
Thursday	B	VI	Cricket
Friday	A	VI	Soccer
Saturday	D	VII	Cricket

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	A	VI	Soccer
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Students who play Soccer took the test before Friday.

Thus, Case IIA is invalid.

Any Volleyball player did not take the test immediately before or after any Soccer players.

Thus, Case IIB is invalid.

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Therefore, this is the final arrangement.

Three students took the test between A and B.

37. Ans. C.

E who studies in the same standard with C and have test on a day before Thursday.

C who plays in the Cricket team studies in neither VI nor VII having his test immediately before E.

D is the last person to attend the test.

Case I:

Days	Persons	Standards	Sports
Monday			
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday			
Friday			
Saturday	D		

Case II:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday			
Thursday			
Friday			
Saturday	D		

A plays in the Soccer team.

D is not the youngest student.

B who does not study in the same standard with D took his test immediately after F.

F plays in the Volleyball team.

Case I:



Days	Persons	Standards	Sports
Monday	A		Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	F		
Thursday	B	VI	
Friday	A		Soccer
Saturday	D	VII	

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	
Wednesday	A		Soccer
Thursday	F		
Friday	B	VI	
Saturday	D	VII	

F is elder than A.

B and D play in the same team but not in the Volleyball team.

Students took the test on a day after Thursday do not play Volleyball or Soccer.

E and F play in the same team.

Case I:

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Case IIA:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	F	VII	Volleyball
Thursday	B	VI	Cricket
Friday	A	VI	Soccer
Saturday	D	VII	Cricket

Case IIB:

Days	Persons	Standards	Sports
Monday	C	IX	Cricket
Tuesday	E	IX	Volleyball
Wednesday	A	VI	Soccer
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Students who play Soccer took the test before Friday.

Thus, Case IIA is invalid.

Any Volleyball player did not take the test immediately before or after any Soccer players.

Thus, Case IIB is invalid.

Days	Persons	Standards	Sports
Monday	A	VI	Soccer
Tuesday	C	IX	Cricket
Wednesday	E	IX	Volleyball
Thursday	F	VII	Volleyball
Friday	B	VI	Cricket
Saturday	D	VII	Cricket

Therefore, this is the final arrangement.



B took the test on Friday.
38. Ans. C.

Word	Code
Monitor	Er
Not	Ty
Work	Qw
Mobile	Bn/mk
Cell	Zx
Fast	Cv
Enough	Mk/bn
As	Fg
Me	Hk

39. Ans. E.

Word	Code
Monitor	Er
Not	Ty
Work	Qw
Mobile	Bn/mk
Cell	Zx
Fast	Cv
Enough	Mk/bn
As	Fg
Me	Hk

40. Ans. A.

Word	Code
Monitor	Er
Not	Ty
Work	Qw
Mobile	Bn/mk
Cell	Zx
Fast	Cv
Enough	Mk/bn
As	Fg
Me	Hk

41. Ans. B.

Word	Code
Monitor	Er
Not	Ty
Work	Qw
Mobile	Bn/mk
Cell	Zx
Fast	Cv
Enough	Mk/bn
As	Fg
Me	Hk

42. Ans. C.

MANUFACTURED

After interchanging –
DERUTCAFUNAM

Clearly, there are two letters i.e. S and T between R and U.

43. Ans. B.

G D E R G K S F A U G M B O V G T
A C Y Z E K U G D G Q

Starting eight letters are G D E R G
K S F

Middle eight letters are G M B O V G
T A



Now, if the starting and middle eight letters are arranged in the reverse order we will get:

F S K G R E D G A U A T G V O B M
G C Y Z E K U G D G Q

Now, the sixth letter to the right of the ninth letter from the left end = (6+9) = 15th from the left.

Now, the 15th letter from the left end is O.

Hence, option (B) is the correct

44. Ans. D.

G D E R G K S F A U G M B O V G T
A C Y Z E K U G D G Q

Now, if all the G's are dropped from the above arrangement we will get:

D E R K S F A U M B O V T A C Y Z
E K U D Q

Now, sixteenth letter from the right end is A.

'B' is third to the right of 'A'.

'E' is eighth to the left of 'B'.

Hence, option (D) is the correct

45. Ans. C.

G D E R G K S F A U G M B O V G T
A C Y Z E K U G D G Q

Clearly, total five vowels are there which are immediately followed by consonant but not immediately preceded by vowel.

Hence, option (C) is the correct

46. Ans. D.

The move to appoint new teachers must be triggered by the requirement for such numbers and the possibility of there being as many willing candidates.

47. Ans. E.

Since a surcharge has been levied to fund drought relief programmes, it follows that the Government does

not have sufficient money for the same. So, C is implicit. Besides, the percentage of surcharge must have been decided after studying the expected inflow in relation to amount of funds required. So, D is also implicit.

48. Ans. B.

We cannot assume from I statement because statement only gives idea about travelling by trains and cabs.

49. Ans. B.

Problem highlighted is that opening of shops would increase the spread of coronavirus. Course of Action I advocates the closing of shops till vaccines are discovered. This is unviable and would have adverse impact on the livelihoods of shopkeepers and the economy as a whole. Hence, Course of Action I does not follow. Course of Action II suggests that people wear masks and practice social distancing. This would reduce the spread, despite the shops being open. Hence, Course of Action II is a more logical course to follow. Thus only II follows and B. is the right answer.

50. Ans. E.

The literacy rate in the State has improved significantly this year.

51. Ans. B.

By approximation, we get:

$$\frac{45}{100} \times 580 + \frac{64}{100} \times 750 = ?$$

$$\Rightarrow 261 + 480 = ?$$

$$\Rightarrow ? = 741$$



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52. Ans. A.

$$? \times \sqrt{8.99} = \sqrt{5624.93} \div \sqrt{624.99} \times \sqrt{2024.91}$$

$$\Rightarrow ? \times \sqrt{9} = \sqrt{5625} \div \sqrt{625} \times \sqrt{2025}$$

$$\Rightarrow ? \times 3 = 75 \times \frac{1}{25} \times 45$$

$$\Rightarrow ? \times 3 = 3 \times 45$$

$$\Rightarrow ? = 45$$

53. Ans. E.

By approximation, we get;

$$9 + 14 \times 4 = ? - 100$$

$$\Rightarrow 9 + 56 + 100 = ?$$

$$\Rightarrow ? = 165$$

54. Ans. E.

By approximation, we get:

$$? = \sqrt{594 \div 6 \times 2 - 13 \times 7 - 26}$$

$$= \sqrt{99 \times 2 - 91 - 26}$$

$$= \sqrt{198 - 91 - 26}$$

$$= \sqrt{81}$$

$$= 9$$

55. Ans. E.

By approximation, we get:

$$50 \times 8 + 90 \times 3 = ? \times 15$$

$$\Rightarrow 400 + 270 = ? \times 15$$

$$\Rightarrow 670 = ? \times 15$$

$$\Rightarrow ? = \frac{670}{15} \approx 45$$

56. Ans. D.

$$\text{Valid voters in village O} = 25400 \times 0.75 = 19050$$

$$\text{Number of valid voters who did not cast their votes} = 19050 \times 0.28 = 5334$$

Hence, option D is correct.

57. Ans. B.

$$\text{Invalid voters in village M} = 24000 \times 0.15 = 3600$$

$$\text{Invalid voters in village P} = 16500 \times 0.12 = 1980$$

$$\text{Invalid voters in village Q} = 14400 \times 0.05 = 720$$

$$\text{Required average} = \frac{3600 + 1980 + 720}{3} = \frac{6300}{3} = 2100$$

Hence, option B is correct.

58. Ans. E.

$$\text{Male voters in village P} = \frac{16500}{5} \times 3 = 9900$$

$$\text{Female voters in village P} = \frac{16500}{5} \times 2 = 6600$$

$$\text{Valid voters in village P} = 16500 \times 0.88 = 14520$$

$$\text{Male valid voters in village P} = \frac{14520}{12} \times 7 = 8470$$

$$\text{Female valid voters in village P} = \frac{14520}{12} \times 5 = 6050$$

$$\text{Male invalid voters in village P} = 9900 - 8470 = 1430$$

Hence, option E is correct.

59. Ans. B.

$$\text{Number of valid voters in village Q} = 14400 \times 0.95 = 13680$$

$$\text{Number of voters who cast their votes in village Q} = 13680 \times 0.9 = 12312$$

Let the number of votes that candidate A got be x

$$\text{Number of votes that candidate B got} = x + 312$$

According to the data provided in the question, we get

$$x + x + 312 = 12312$$

$$\Rightarrow 2x = 12000$$

$$\Rightarrow x = 6000$$



Number of votes that candidate A got = 6000

Hence, option B is correct.

60. Ans. C.

Number of valid voters = $24000 \times 85\% = 20400$

Number of voters who did not cast their votes = $20400 \times 20\% = 4080$

Required percentage = $\frac{4080}{24000} \times 100 = 17\%$

Hence, option C is correct.

61. Ans. D.

Suppose the speed of the train = x m/s

$$\frac{240}{x} + 40 = \frac{240 + 480}{x}$$

$$240 + 40x = 720$$

$$40x = 720 - 240$$

$$40x = 480$$

$$x = 480/40 = 12 \text{ m/s}$$

$$\text{Time} = 40 \text{ s}$$

$$\text{Speed} = 480/40 = 12 \text{ m/s}$$

62. Ans. D.

Let the total number of employees be X .

Percentage of female graduates:

$$(90 - 52)\% = 38\%$$

Now, the total number of employees in the company:

$$\frac{38}{100} \times X = 1026$$

$$\Rightarrow X = 2700$$

63. Ans. B.

$$\text{Cost price of each onion} = \frac{600}{120} = \text{Rs. } 5$$

5

Total selling price of onions = $60 \times$

$$1.3 \times 5 + 60 \times 1.1 \times 5$$

$$= 390 + 330 = \text{Rs. } 720$$

$$\text{Profit} = 720 - 600 = \text{Rs. } 120$$

According to the question,

$$\text{New, Selling price} = 1.25 \times 600 = \text{Rs. } 750$$

$$\text{Profit} = 750 - 600 = \text{Rs. } 150$$

$$\text{Required Answer} = 150 - 120 = \text{Rs. } 30$$

Hence, option B is correct.

64. Ans. A.

Distance covered by aeroplane in 6 hours = $6 \times 660 = 3960 \text{ km}$

Distance covered by helicopter in 24 hours = $3960 \times 2 = 7920 \text{ km}$

Distance covered by helicopter one hour = $7920/24 = 330 \text{ km}$

65. Ans. B.

Let the length of the plot be $3a$ meters.

Breadth of plot = $2a$ metres

$$3a - 2a = 40$$

$$\Rightarrow a = 40$$

$$\begin{aligned} \text{Perimeter of rectangular plot} &= 2 \times (3a + 2a) \\ &= 2 \times (5a) = 2 \times 5 \times 40 \\ &= 400 \text{ metres} \end{aligned}$$

Hence, the perimeter of plot is 400 meters.

66. Ans. B.

Total students in branch P = 2000

Total students in branch Q = 3200



SSC students in branch P = $\frac{60}{100} \times 2000 = 1200$
SSC students in branch Q = $\frac{70}{100} \times 3200 = 2240$
Bank students in branch P = $2000 - 1200 = 800$
Bank students in branch Q = $3200 - 2240 = 960$
Boys in SSC in branch P = $\frac{2}{5} \times 1200 = 480$
Girls in SSC in branch P = $1200 - 480 = 720$
Boys in SSC in branch Q = $\frac{5}{8} \times 2240 = 1400$
Girls in SSC in branch Q = $2240 - 1400 = 840$
Required ratio = $480 : 840 = 4 : 7$
67. Ans. A.
Total students in branch P = 2000
Total students in branch Q = 3200
SSC students in branch P = $\frac{60}{100} \times 2000 = 1200$
SSC students in branch Q = $\frac{70}{100} \times 3200 = 2240$
Bank students in branch P = $2000 - 1200 = 800$
Bank students in branch Q = $3200 - 2240 = 960$
Boys in SSC in branch P = $\frac{2}{5} \times 1200 = 480$
Girls in SSC in branch P = $1200 - 480 = 720$
Boys in SSC in branch Q = $\frac{5}{8} \times 2240 = 1400$
Girls in SSC in branch Q = $2240 - 1400 = 840$
Total boys in SSC
In branch P and Q both = $480 + 1400 = 1880$
Total girls in SSC
In branch P and Q both = $720 + 840 = 1560$
Required difference = $1880 - 1560 = 320$
68. Ans. D.
Total students in branch P = 2000
Total students in branch Q = 3200

SSC students in branch P = $\frac{60}{100} \times 2000 = 1200$
SSC students in branch Q = $\frac{70}{100} \times 3200 = 2240$
Bank students in branch P = $2000 - 1200 = 800$
Bank students in branch Q = $3200 - 2240 = 960$
Boys in SSC in branch P = $\frac{2}{5} \times 1200 = 480$
Girls in SSC in branch P = $1200 - 480 = 720$
Boys in SSC in branch Q = $\frac{5}{8} \times 2240 = 1400$
Girls in SSC in branch Q = $2240 - 1400 = 840$
Here, we cannot find the total no. of either boys or girls in any branch as the ratio of boys and girls in Banking class is not known.
69. Ans. A.
Total students in branch P = 2000
Total students in branch Q = 3200
SSC students in branch P = $\frac{60}{100} \times 2000 = 1200$
SSC students in branch Q = $\frac{70}{100} \times 3200 = 2240$
Bank students in branch P = $2000 - 1200 = 800$
Bank students in branch Q = $3200 - 2240 = 960$
Boys in SSC in branch P = $\frac{2}{5} \times 1200 = 480$
Girls in SSC in branch P = $1200 - 480 = 720$
Boys in SSC in branch Q = $\frac{5}{8} \times 2240 = 1400$
Girls in SSC in branch Q = $2240 - 1400 = 840$
Total students in Bank in branch P = 800
Total students in Bank in branch Q = 960
Total girls in Bank in both branches = $\frac{1}{4} \times 800 + \frac{5}{12} \times 960 = 200 + 400 = 600$
Total girls in SSC in both branches = $720 + 840 = 1560$
Required percentage = $\frac{600}{1560} \times 100 = 38\frac{6}{13}\%$



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70. Ans. C.

Total students in branch P = 2000

Total students in branch Q = 3200

$$\text{SSC students in branch P} = \frac{60}{100} \times 2000 = 1200$$

$$\text{SSC students in branch Q} = \frac{70}{100} \times 3200 = 2240$$

$$\text{Bank students in branch P} = 2000 - 1200 = 800$$

$$\text{Bank students in branch Q} = 3200 - 2240 = 960$$

$$\text{Boys in SSC in branch P} = \frac{2}{5} \times 1200 = 480$$

$$\text{Girls in SSC in branch P} = 1200 - 480 = 720$$

$$\text{Boys in SSC in branch Q} = \frac{5}{8} \times 2240 = 1400$$

$$\text{Girls in SSC in branch Q} = 2240 - 1400 = 840$$

$$\text{Required percentage} = \frac{1400 - 480}{1400} \times 100 = 65\frac{5}{7}\% \text{ less}$$

71. Ans. A.

Pattern of the series is:

$$92 + 1^3 = \mathbf{93}$$

$$93 + 2^2 = 97$$

$$97 + 3^3 = 124$$

$$124 + 4^2 = 140$$

$$140 + 5^3 = 265$$

Hence, option A is correct.

72. Ans. D.

Pattern of the series is:

$$3 + 15 \times 1 = 18$$

$$18 + 15 \times 2 = 48$$

$$48 + 15 \times 3 = 93$$

$$93 + 15 \times 4 = 153$$

$$153 + 15 \times 5 = 228$$

Thus, the missing number is 228.

73. Ans. B.

The pattern of the series is:

$$6 \times 6 + 6 = 36 + 6 = 42$$

$$42 \times 5 + 5 = 210 + 5 = 215$$

$$215 \times 4 + 4 = 860 + 4 = 864$$

$$864 \times 3 + 3 = 2592 + 3 = \mathbf{2595}$$

74. Ans. A.

The pattern of the series is:

$$25 + 11 = 36$$

$$36 + 33 = 69$$

$$69 + 55 = 124$$

$$124 + 77 = 201$$

$$201 + 99 = 300$$

Hence, the missing number is 124.

75. Ans. C.

Pattern of the series is:

$$8 \times 1 - 1 = 7$$

$$7 \times 2 + 2 = 16$$

$$16 \times 3 - 3 = 45$$

$$45 \times 4 + 4 = 184$$

$$184 \times 5 - 5 = \mathbf{915}$$

Hence, option C is correct.

76. Ans. A.

The performance for different colleges are as follows:

For Pioneer college:

Number of students passed with distinction = 300

Total number of students passed = 500

Number of students passed without distinction = $500 - 300 = 200$

Total number of students = 1000

Percentage of students passed without distinction =

$$\frac{200}{1000} \times 100 = 20\%$$



Similarly, % of students passed without distinction for different colleges are as follows:

For Imperial college, percentage of students passed without distinction

$$= \frac{350}{1400} \times 100 = 25\%$$

For Raisoni college, percentage of students passed without distinction

$$= \frac{600}{1500} \times 100 = 40\%$$

For Sri Teerth college, percentage of students passed without distinction

$$= \frac{450}{1000} \times 100 = 45\%$$

For Terna college, percentage of students passed without distinction

$$= \frac{650}{1300} \times 100 = 50\%$$

For Universal college, percentage of students passed without distinction

$$= \frac{750}{1500} \times 100 = 50\%$$

Hence, it is clear from the above that percentage of students passing without a distinction is least in Pioneer college.

77. Ans. B.

In Pioneer, Imperial and Raisoni the pass percentage is less than 80%.

In Terna $1250 > 80\%$ of 1300 and in Universal $1250 > 80\%$ of 1500. And

also in Sri Teerth it is $800 = 80\%$

In Sri Teerth, Terna and Universal it is more than 80%.

78. Ans. C.

The required ratio for different colleges are as follows:

For Pioneer college: $300/500 = 3/5$

For Imperial college: $400/650 = 8/13$

For Raisoni college: $400/500 = 4/5$

For Sri Teerth college: $450/200 > 1$

For Terna college: $600/50 > 1$

For Universal college: $500/250 > 1$

Hence, it is clear from the above that least ratio is in Pioneer college.

79. Ans. A.

Total number of students in six colleges = $1000 + 1400 + 1500 + 1000 + 1300 + 1500 = 7700$

Number of students in six colleges who passed with distinction = $300 + 400 + 400 + 350 + 600 + 500 = 2550$

The overall pass percentage with distinction

$$= \frac{2550}{7700} \times 100 \approx 33.1\%$$

80. Ans. C.

The total number of students who passed = $500 + 750 + 1000 + 800 + 1250 + 1250 = 5550$

Total number of students = $1000 + 1400 + 1500 + 1000 + 1300 + 1500 = 7700$

Therefore, The total number of students who failed = $7700 - 5550 = 2150$

Required ratio = $2150 : 5550 = 43 : 111$

81. Ans. B.

Let the total distance = "t" km

Let the speed of the man in still water = x km/h

Speed of the current = 12 km/h

Time taken by the man to row "t" km downstream = 3 hours

Time taken by the man to row "t" km upstream = 5 hours

∴ Equating Distance as it is same, we get



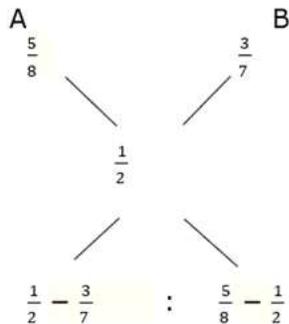
$$\begin{aligned}(x + 12) \times 3 &= (x - 12) \times 5 \\ \Rightarrow 3x + 36 &= 5x - 60 \\ \Rightarrow 2x &= 96 \\ \Rightarrow x &= 48 \text{ km/h}\end{aligned}$$

Thus, speed of man in still water is 48 km/h.

Hence, option (B) is correct.

82. Ans. B.

Applying alligation on spirit:



Required ratio =

$$\begin{aligned}\left(\frac{1}{2} - \frac{3}{7}\right) : \left(\frac{5}{8} - \frac{1}{2}\right) &= \frac{1}{14} : \frac{1}{8} \\ &= 4 : 7\end{aligned}$$

83. Ans. D.

So, total weight of the students in the class = $35 \times 40 = 1400$ kg

Now, the weight of the teacher is also included and two more students

$$\text{Total weight} = 37 \times 43 = 1591 \text{ kg}$$

So,

$$\begin{aligned}\text{Total weight of new students} &= 55 \\ + 50 &= 105 \text{ kg}\end{aligned}$$

$$\begin{aligned}\text{The weight of the teacher} &= 1591 - \\ 1400 - 105 &= 86 \text{ kg}\end{aligned}$$

84. Ans. A.

Selling price of the toys = Rs. 7650

$$\begin{aligned}\text{Marked price of the toys} &= \frac{7650}{0.85} = \\ \text{Rs. } 9000\end{aligned}$$

$$\begin{aligned}\text{Cost price of the toys} &= \frac{9000}{1.20} = \text{Rs.} \\ 7500\end{aligned}$$

$$\text{Profit} = 7650 - 7500 = 150$$

$$\begin{aligned}\text{Required profit percentage} &= \\ \left(\frac{150}{7500}\right) \times 100 &= 2\%\end{aligned}$$

85. Ans. D.

Difference between CI and SI for 3

$$\text{years} = P \left(\frac{R}{100}\right)^2 \left(\frac{R + 300}{100}\right)$$

$$P \left(\frac{10}{100}\right)^2 \left(\frac{10 + 300}{100}\right) = 155$$

$$\Rightarrow P = \text{Rs. } 5000$$

86. Ans. C.

Statement I:

Selling price of the article = Rs. x

Discount = 50%

Marked price of the article = Rs. 2x

Cost price of the article = 40% of 2x = Rs. 0.8x

Profit earned = $(x - 0.8x) = 0.2x$

Profit percentage =

$$\left(\frac{0.2x}{0.8x}\right) \times 100 = 25\%$$

So, statement I alone is sufficient to answer the question.

Statement II:

Selling price of the article = Rs. x

Profit = 20% of x = 0.2x

Cost price of the article = $(x - 0.2x) = \text{Rs. } 0.8x$

Profit percentage =

$$\left(\frac{0.2x}{0.8x}\right) \times 100 = 25\%$$



So, statement II alone is sufficient to answer the question.

Thus, the data either in Statement I or in Statement II alone are sufficient to answer the question.

So option (C) is the correct answer.

87. Ans. D.

Statement I:

Marks obtained by Raghav = $288 - 128 = 160$

Minimum marks in test = $\frac{160}{0.25} = 640$

So, statement I alone is not sufficient to answer the question.

Statement II:

Minimum passing marks = Marks obtained by Raghav + 64

So, statement II alone is not sufficient to answer the question.

On combining both the statements, we get,

Minimum passing marks = $160 + 64 = 224$

Thus, the data in both Statements I and II together are necessary to answer the question.

So option (D) is the correct answer.

88. Ans. D.

Statement I:

Let the total work = 468 units (LCM of 36 and 52 days)

Amount of work done by A, B and C together in one day = $\frac{468}{36} = 13$ units

Amount of work done by B and C together in one day = $\frac{468}{52} = 9$ units

Amount of work done by A alone in one day = $13 - 9 = 4$ units

Here, we can't find the efficiency of C

So, statement I alone is not sufficient to answer the question.

Statement II:

Efficiency of A and B are given but the efficiency of C is not known.

So, statement II alone is not sufficient to answer the question.

On combining both the statements, we get,

Let the total work = 468 units (LCM of 36 and 52 days)

Amount of work done by A, B and C together in one day = $\frac{468}{36} = 13$ units

Amount of work done by B and C together in one day = $\frac{468}{52} = 9$ units

Amount of work done by A alone in one day = $13 - 9 = 4$ units

Amount of work done by B alone in one day = $1.5 \times 4 = 6$ units

Amount of work done by C alone in one day = $9 - 6 = 3$ units

Time taken by C alone to complete the work = $\frac{468}{3} = 156$ days

Thus, the data in both Statements I and II together are necessary to answer the question.

So option (D) is the correct answer.

89. Ans. D.

Let speed of train X and Y be x km/hr and y km/hr respectively and length of train X be ' l ' meters.

Statement I:

According to the question:

$$(l + 80) = 10 \times (x + y) \dots(1)$$

$$(l + 80) = 25 \times (x - y) \dots(2)$$

From equations (1) and (2), we get,



$$10 \times (x + y) = 25 \times (x - y)$$

$$\Rightarrow 10x + 10y = 25x - 25y$$

$$\Rightarrow 7y = 3x$$

So, statement I alone is not sufficient to answer the question.

Statement II:

Speed of train X = 35 km/hr

So, statement II alone is not sufficient to answer the question.

On combining both the statements, we get

Speed of train X = 35 km/hr

So,

$$7y = 3x = 3 \times 35$$

$$\Rightarrow y = 15$$

$$(l + 80) = 10 \times (x + y)$$

$$\Rightarrow (l + 80) = 10 \times (35 + 15) \times \frac{5}{18}$$

$$\Rightarrow l = 138.88 - 80 = 58.88 \text{ m}$$

Thus, the data in both Statements I and II together are necessary to answer the question.

So option (D) is the correct answer.

90. Ans. B.

Statement I:

Probability of drawing a red ball

$$\text{from the bag} = \frac{{}^{x+2}C_1}{{}^{4x+8}C_1} = \frac{1}{4}$$

$$\Rightarrow \frac{x+2}{4x+8} = \frac{1}{4}$$

$$\Rightarrow \frac{x+2}{4(x+2)} = \frac{1}{4}$$

$$\Rightarrow \frac{1}{4} = \frac{1}{4}$$

Here, x is eliminated, so the number of balls in the bag can't be determined.

So, statement I alone is not sufficient to answer the question.

Statement II:

Probability of drawing a blue ball

$$\text{from the bag} = \frac{{}^{2x-1}C_1}{{}^{4x+8}C_1} = \frac{3}{8}$$

$$\Rightarrow \frac{2x-1}{4x+8} = \frac{3}{8}$$

$$\Rightarrow 16x - 8 = 12x + 24$$

$$\Rightarrow 4x = 32, x = 8$$

So, the total number of balls in the bag = $4 \times 8 + 8 = 32 + 8 = 40$

So, statement II alone is sufficient to answer the question.

Thus, 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.

91. Ans. B.

Quantity I:

Let the present age of Yash and Ursula be x and y years respectively.

According to question,

$$x - 3 = 4(y - 3)$$

$$\Rightarrow 4y - x = 9 \dots\dots(1)$$

$$\text{And, } 2(x + 10) = 5(y + 10)$$

$$\Rightarrow 2x + 20 = 5y + 50$$

$$\Rightarrow 2x - 5y = 30 \dots\dots(2)$$

Solving equation (1) and (2), we get:

$$y = 16, x = 55$$

Quantity II:

$$\geq 60 \text{ years}$$

Here, Quantity-I < Quantity-II.

Hence, the answer is option B.



92. Ans. A.

Quantity I:

Lets assume original Sum= x

So ATQ,

$$\frac{x}{3} \times \frac{3 \times 2}{100} + \frac{x}{6} \times \frac{6 \times 2}{100} + \frac{x}{2} \times \frac{8 \times 2}{100} = 600$$

x= 5000 Rs.

So option A, Quantity I > Quantity II

93. Ans. B.

Quantity I: Total CP = 1500

Total SP = 1500 + 10% of 1500 = 1500 + 150 = 1650

CP of 1/3 of bananas = 1500/3 = Rs.500

SP of 1/3 of bananas at 25% loss = 500 - [(500 x 25 / 100)] = 500 - 125 = 375

SP of the rest of bananas = 1650 - 375 = 1275

Now, CP of the rest of bananas = 1500 - 500 = 1000

Profit on the rest of bananas = 1275 - 1000 = 275

% of profit on the rest of bananas = (275/1000) x 100 = 27.5%

So option B, Quantity II > Quantity I

94. Ans. C.

Let the distance between A and B be D km

Then. [D/(50/60)] - [D/(56/60)] = 9

Or, 6D/5 - 15D/14 = 9

Or,

Distance = 70 km

Quantity II: $Y^2 - 40Y - 2100 = 0$

$Y^2 - (70-30)Y - 2100 = 0$

Y= +70, -30

So option C, Quantity I ≥ Quantity II

95. Ans. B.

Quantity I:

CP:MP= 10:17

Difference in discount= Difference in Profit= 13% - 8%= 5%= 17 Rs.

So MP= $\frac{17}{5} \times 100 = 340$ Rs

So CP= $\frac{340}{17} \times 10 = 200$ Rs

Now discount given = 15%

SP= 340- (340x15%)= 340- 51= 289 Rs

Profit= 289- 200= 89 Rs.

So option B, quantity II > Quantity I

96. Ans. C.

Required units = 189000 × (100/135) = 140000

97. Ans. B.

Required percentage increase = $\frac{60 - 50}{50} \times 100 = 20\%$

98. Ans. C.

Number of units produced by Company Q in year 2004 = 9,29,175

Since, production of units rose by 50% in year 2004 as compared to year 2003, so, Number of units produced by Company Q in year

2003 = $\frac{929175}{1.5} = 619450$

Similarly, Number of units produced by Company Q in year 2002 = $\frac{619450}{1.3} = 476500$

99. Ans. D.

Required percentage increase = $\frac{(65-25)}{25} \times 100 = \frac{40}{25} \times 100 = 160\%$



100. Ans. D.

It is not possible to find the production of any company by since only percentage rise in production is given. Thus first three options gets eliminated.

Now,

$$\text{Average percentage rise in production of Company P} = \frac{35 + 30 + 35 + 25 + 65 + 60}{6}$$

$$= 41.67\%$$

$$\text{Average percentage rise in production of Company Q} = \frac{45 + 55 + 35 + 30 + 50 + 60}{6}$$

$$= 45.83\%$$

Thus average percentage rise in production of Company Q is more than the average percentage rise in production of Company P.

101. Ans. D.

The given passage talks about space exploration. It gives a brief history of space exploration and points out the development that has happened in recent times. It also talks about how fragile human life is in outer space - how it needs to be sustained with a lot of help and resources. It presents a comparison between the usage of man and machine in space exploration. In this comparison the passage points out the superiority of machines over man in the area of space exploration. As an answer to the question asked at the very beginning of the passage, the author points out that instead of humans, we should concentrate

more on machines when it comes to space exploration.

Thus, option D is the best answer to describe the main idea of the given passage.

Why other options are not the correct answer:

Option A is incorrect as the passage does not deal only with modern space exploration. It is a small topic that has been covered in the passage to provide the reader an idea about the current scenario.

Option B is incorrect as the author only talks about the fragility of human life in space to outline the definite advantage of machine-oriented space exploration.

Option C is incorrect as no such space race has been mentioned. The names of the entrepreneurs have been mentioned in connection to their contributions towards modern space exploration.

Option E is incorrect as the passage talks about creating new humans as a 'what-if' scenario.

102. Ans. B.

'Elevated' means

a) situated or placed higher than the surrounding area.

b) (of a level or amount) higher or greater than normal.

c) of a high intellectual or moral level.

In the given passage, the word has been used to convey the third meaning.

Noble means having or showing fine personal qualities or high moral



principles. This is a synonym for 'elevated'.

Lowly means low in status or importance; humble. This is an antonym for 'elevated'.

Thus, option B is the correct answer.

Why other options are not the correct answer:

Tall means of great or more than average height, especially (with reference to an object) relative to width. If the second meaning of 'elevated' had been used, this would have been a synonym.

103. Ans. A.

The given passage talks about space exploration. It gives a brief history of space exploration and points out the development that has happened in recent times. It also talks about how fragile human life is in outer space - how it needs to be sustained with a lot of help and resources. It presents a comparison between the usage of man and machine in space exploration. In this comparison the passage points out the superiority of machines over man in the area of space exploration.

Statement I points out how machines can never achieve the same level of enthusiasm that humans feel regarding space exploration done by astronauts. This is completely false with respect to the given passage which speaks about the superiority of machine over man when it comes to space exploration.

Thus, option A is the correct answer.

Why other options are not the correct answer:

Statement II is true with respect to the current passage. The first paragraph lists several examples of different space explorations that has already been done. The second paragraph points out how these explorations have amplified the fragility of human life in outer space which proves statement II to be true.

Statement III is also true as the passage emphasizes on the benefits of machine-driven space exploration over human related ones.

Hence none of the options listing statements II and III can be correct answers.

104. Ans. C.

The given passage talks about space exploration. It gives a brief history of space exploration and points out the development that has happened in recent times. It also talks about how fragile human life is in outer space - how it needs to be sustained with a lot of help and resources. It presents a comparison between the usage of man and machine in space exploration. In this comparison the passage points out the superiority of machines over man in the area of space exploration.

Statement I points out how the space exploration done in 1950s and 60s made a generation feel



enthusiastic about space. This is proven true by the following line from the passage – “ During the 1960s, we became astronomers with a deep passion to explore the cosmos.” Here the author uses ‘we’ to refer to their generation.

Statement II talks about the investments that are being currently done by entrepreneurs in space related activities. This is proven true by the following line from the passage – “Elon Musk and Jeff Bezos have spent large sums on future human space missions.”

Thus, option C is the correct answer.

Why other options are not the correct answer:

Statement III is false as the passage talks about colonization of other planets by humans in a ‘what if’ scenario. But statement III talks about the same as an established fact.

Hence none of the options listing statement III can be correct answers.

105. Ans. E.

‘Manipulate’ means to handle or control (a tool, mechanism, information, etc.) in a skilful manner.

The meaning of the given options are as follows –

Culprit - a person who is responsible for a crime or other misdeed.

Culpable - deserving blame.

Cultural - relating to the ideas, customs, and social behaviour of a society.

None of the given options are synonymous to ‘manipulate’. Hence, option E is the correct answer.

106. Ans. C.

The given passage talks about space exploration. The passage talks about how complicated space travel is. Thus, we can infer that this results in usage of highly complicated equipment in space travel. The passage also mentions – “People venturing into space are fragile: They require a continuous supply of oxygen, water, food and shelter.” From this we can infer the fragility of human life in space.

Hence, option C is the correct answer.

Why other options are not the correct answer:

Options A, B and E are not related to what has been discussed in the passage.

Option D talks about the space race between Russia and the United States. While the passage does mention the space race, it does not point out the clear winner. This makes option D ineligible to be the correct inference.

107. Ans. A.

The given passage talks about space exploration. In the passage, it has been stated that – “Whether the exploits proposed by Musk and Bezos will inspire us to greater efforts on Earth—or cause us to imagine that we can forget about problems on our planet—remains an open question.”



Hence, option A is the correct answer.

Why other options are not the correct answer:

Options B, C and D do not refer to the quoted sentence making them incorrect.

108. Ans. B.

The given passage talks about space exploration. In the passage several 'what-if' scenarios have been presented. The second what-if scenario states – "If we create human colonies in space, their inhabitants might undergo evolutionary changes that make them more fit for space travel."

This has been stated in statement II making option B the correct answer.

Why other options are not the correct answer:

The passage states two other what-if scenarios –

"If human civilization successfully overcomes its current problems and achieves long-term stability, we shall certainly send people to the other worlds in our solar system."

And

"If, as is likely to happen soon, we can manipulate the human genome as we like, we could manufacture a new set of beings designed for space travel."

Statements I and III do not match these scenarios, making them incorrect.

109. Ans. E.

From the given options, it is clear that the given blank will be filled by variations of the words 'thrill and

inspire'. The given sentence is in past tense and hence the verbs in the options should also be used in their past tense form.

Hence option E is the correct answer.

Why other options are not the correct answer:

Thrill – present tense verb

Thrilling – present continuous tense form of thrill

Inspire – present tense verb

Inspiring – present continuous tense form of inspire

Hence the other options are incorrect.

110. Ans. C.

The given passage talks about space exploration. It gives a brief history of space exploration and points out the development that has happened in recent times. It also talks about how fragile human life is in outer space - how it needs to be sustained with a lot of help and resources. It presents a comparison between the usage of man and machine in space exploration. In this comparison the author is extremely confident regarding the superiority of machines over man in the area of space exploration.

An assertive tone is used by the author. Assertive means self-confident; strong-willed; authoritative; insistent.

Thus, option C is the correct answer.

Why other options are not the correct answer:



The meaning of the other tones are as follows –

Tolerant – open minded or charitable

Subjective – prejudiced or biased

Ironic – stating opposite of what is meant

Informative – instructive; factual; educational

None of these tones match the confident tone used by the author, making them incorrect.

111. Ans. B.

The word admire means to regard with respect or warm approval, which is the most appropriate word for the sentence.

Disdain means the feeling that someone or something is unworthy of one's consideration or respect.

Whoop means a loud cry of joy or excitement.

Triumph means a great victory or achievement.

Abominate means to dislike strongly.

112. Ans. D.

The word nurture means to care for and protect (someone or something) while they are growing or to help or encourage the development of, which is the most appropriate word for the sentence.

Promotion means activity that supports or encourages a cause, venture, or aim.

Evasion means the action of evading something.

Omission means someone or something that has been left out or excluded.

Aiding means help or support (someone or something) in the achievement of something.

113. Ans. C.

The word aegis means the protection, backing, or support of a particular person or organization, which is the most suitable answer for the blank as the context is about the patronage and support from Indian Embassy.

114. Ans. A.

The word diversity means the state of being diverse or a range of different things which is the most appropriate word for the sentence.

115. Ans. A.

The word spheres means an area of activity, interest, or expertise; a section of society or an aspect of life distinguished and unified by a particular characteristic, which is the most appropriate word for the sentence.

116. Ans. C.

Among all the options, 'unanimously' is the most suitable word for the sentence. Unanimously means without opposition; with the agreement of all people involved.

Soundly means in a way that is secure and reliable.

Heartily means to a great degree; very (especially with reference to personal feelings).

Apiece means to, for, or by each one of a group (used after a noun or an amount)

Hastily means with excessive speed or urgency; hurriedly.



117. Ans. B.

The word interlocutor means a person who takes part in a dialogue or conversation, which is the most appropriate word for the sentence.

118. Ans. D.

The word holistic means dealing with or treating the whole of something or someone and not just a part which is the most appropriate word for the sentence.

Atomistical means composed of many simple elements.

119. Ans. B.

The word expatriate means someone who does not live in their own country, which is the most appropriate word for the blank as the context is of the Indian community living in Qatar.

120. Ans. E.

The context of the blank is about the positive qualities of the Indian nationals. Honesty is the only personal quality in the given options, so it is the most appropriate response.

Fairness means impartial and just treatment or behaviour without favouritism or discrimination.

Artifice means clever or cunning devices or expedients, especially as used to trick or deceive others.

Delusion means the act of misleading.

Moral means concerned with the principles of right and wrong behaviour.

121. Ans. B.

Refer to the last question of the series.

122. Ans. D.

Refer to the last question of the series.

123. Ans. E.

Refer to the last question of the series.

124. Ans. D.

Refer to the last question of the series.

125. Ans. C.

The paragraph is about the private medical sector in India. Sentence B (India has the largest...) is an introductory sentence, so, it comes first. Sentence D follows as it gives additional information of private medical practice in **the** country. Sentence A talks about the different systems of medicine so, it should be the third sentence. Sentence E talks about the data available on the entire range of practitioners that is mentioned in the previous sentence and has a clue for the next sentence, so, it should be the fourth sentence. Sentence F should be the fifth sentence. Sentence C (...This leaves 12.4 lakh doctors of various systems of medicine in the private sector...) acts as a continuing statement to the previous two statements. Hence, it is the last sentence.

Correct Sequence: BDAEFC

126. Ans. D.

The second clause of the given sentence must follow past tense as the time 'in 2016' is mentioned in it. But in part 4 the V1 rise is used instead of rose. So there is an error in part 4 and option D is correct.



127. Ans. A.

The word "char" in the part 1 of the sentence is a noun which is incorrectly used to qualify another noun "flesh", but a noun can't qualify another noun. An adjective is needed for that and the adjective form of "char" is "charred". Hence, option A is correct.

128. Ans. D.

'Recent' is an adjective. But it is describing a verb (concluded), an adverb (recently) should be used. So, part (4) is wrong and the correct answer is D.

Note that the pronoun used 'their' is correct in its place because it does not refer to the team collectively but its members individually.

129. Ans. D.

When we talking about the gross collection of any movie, we talk about numbers and figures in the form of data interpretation methods (bar graphs, line graphs, etc.). The higher the peak of these graphs, higher is the collection figure. That is why we say highest grossing and not largest grossing. Hence, the correct answer is D.

130. Ans. C.

'Then' is used to tell the next event in a sequence. It is also used to denote an action that just took place at that moment in the past. But the given sentence is in present tense and not describing any sequence. The correct word here should be 'now' instead of then, as India is a top tourist destination

today. Hence, the correct answer is C.

131. Ans. D.

The sentence implies that the emergency room doctor was the perfect example of professionalism who served his duty excellently.

Out of the given options, **epitome** meaning '**a person or thing that is a perfect example of a particular quality or type**' is the perfect fit.

Therefore, **option D** is the correct answer.

* Jargon means special words or expressions used by a profession or group that are difficult for others to understand.

* Apprehension means anxiety or fear that something bad or unpleasant will happen.

132. Ans. D.

The sentence implies that the income of the children does not have any significant effect on the economic condition of their families. The income will not have any effect only if it is too low.

'**Meagre**' means '(of something provided or available) lacking in quantity or quality'.

Therefore, **option D** is the correct answer.

133. Ans. B.

The sentence implies that it is possible to increase production of goods and services because of technological advancement and the innovative thinking of human.



'**Ingenuity**' means 'the quality of being clever, original, and inventive'.

Therefore, **option B** is the correct answer.

Insistence- demand, dictate

Tenacity- determination, perseverance

Admonition- reprimand, rebuke

Reprimand- a formal expression of disapproval

134. Ans. C.

The blank needs an adjective which modifies the noun 'personality' and conveys the meaning that his determined personality helps him do whatever he wants and get anything that he wishes for.

'**Tenacious**' means 'not readily relinquishing a position, principle, or course of action; determined'.

Therefore, **option C** is the correct answer.

The meanings of other words are:

* Pretentious: attempting to impress by affecting greater importance or merit than is actually possessed

* Ostentatious: characterized by pretentious or showy display; designed to impress

* Flamboyant: (of a person or their behaviour) tending to attract attention because of their exuberance, confidence, and stylishness

* Extravagant: lacking restraint in spending money or using resources

135. Ans. D.

An infinitive is required in the blank to maintain the parallelism of the sentence.

Therefore, option D i.e. 'terminate' is the correct answer.

136. Ans. C.

All the segments are grammatically correct. Hence, option C is the correct answer.

137. Ans. B.

The error is in the segment II.

The subject of the sentence is plural i.e. methods. Hence, a plural verb is required to maintain the subject-verb agreement. Therefore, 'is' should be replaced with 'are' to form a grammatically correct sentence.

Hence, option B is the correct answer.

138. Ans. B.

The error is in the segment II.

We need an adjective to modify the noun 'works'. However, an adverb is used which is incorrect. Therefore, 'anonymously' should be replaced with 'anonymous' to form a grammatically correct sentence.

Therefore, option B is the correct answer.

139. Ans. A.

The error is in the segment II.

Another is used with a singular noun and other is used with uncountable and plural nouns.

Hence, 'another' should be replaced with 'other' to form a grammatically correct sentence.

Therefore, option A is the correct answer.



140. Ans. E.

The errors are in the segments I and II.

'Each' is always followed by a singular verb. Also, we use 'less' with uncountable nouns while 'fewer' with countable nouns. Hence, 'are' should be replaced with 'is' and 'less' should be replaced with 'fewer' to form a grammatically correct sentence.

Therefore, option E is the correct answer.

141. Ans. A.

- Canara Bank headquarters is situated in Bengaluru, Karnataka. On April 1, 2020, Syndicate Bank merged with Canara Bank.

- Punjab National Bank – New Delhi, Oriental Bank of Commerce merged with PNB.

- On April 1, 2020, Andhra Bank, Corporation Bank amalgamated into Union Bank of India. The headquarters of the Union Bank of India is in Mumbai.

142. Ans. C.

- The Prime Minister, Shri Narendra Modi, has unveiled a plaque for the foundation stone ceremony of a new helicopter manufacturing unit of Hindustan Aeronautics Limited in Tumkur district in Karnataka.

143. Ans. A.

- ICICI Bank launched the country's first 'Mortgage Guarantee' backed loans for retail customers aspiring to purchase their first homes in the affordable housing segment.

144. Ans. A.

- Ooty and Kodaikanal are located in Tamil Nadu.

- While Ooty is famously known as the "Queen of Hill Stations" and Kodaikanal is known as the 'Princess of Hill Stations' where tourists love spending their holiday time as one can witness during this Ooty Kodaikanal tour packages.

145. Ans. B.

- Lima, the capital of Peru, lies on the country's arid Pacific coast.

- Though its colonial center is preserved, it's a bustling metropolis and one of South America's largest cities.

- It's home to the Museo Larco collection of pre-Columbian art and the Museo de la Nación, tracing the history of Peru's ancient civilizations.

146. Ans. D.

- Indian Financial System includes Scheduled Commercial Banks, Non-Banking Financial Institutions, Urban Co-operative Banks.

- The financial system is composed of the products and services provided by financial institutions, which includes banks, insurance companies, pension funds, organized exchanges, and the many other companies that serve to facilitate economic transactions.

147. Ans. B.

- India's economic growth is expected to be at 7.6% in 2016-17, followed by a modest acceleration to 7.7% in 2017-18.



- India registered a 7.6% growth rate in 2015-16.

148. Ans. A.

- According to the Reserve Bank of India norms on-tap permits, a bank's initial minimum paid-up voting equity capital shall be 500 crore rupees. After that, the Bank shall have a minimum net worth of 500 crore rupees.

149. Ans. C.

- To check money laundering through stock markets, the Bombay Stock Exchange has developed a Suspicious Transaction Reports (STRs) system for reporting suspicious trades.

150. Ans. C.

- The Raghuram Rajan was awarded the title of Global and Asia- Pacific Central Bank Governor of the Year in 2016.

151. Ans. E.

- IPPB is the third entity that got the final licence from RBI on January 20, 2015, after Airtel and Paytm payment banks got the central bank's approval.

152. Ans. C.

- Before replacing currency by Euro, the Greek drachma was in the flow of Greece's economy.

- It was replaced by the euro in 2001.

153. Ans. E.

- In 2015, the central government made it compulsory to use a permanent account number (PAN) for all transactions above ₹ 2 lakh to curb black money.

154. Ans. C.

- As per the RBI guidelines issued in 2016, the "Bulk Deposit" means :

- Single Rupee term deposits of Rupees two crore and above for Scheduled Commercial Banks (excluding Regional Rural banks) and Small Finance Banks.

- Single Rupee term deposits of Rupees fifteen lakhs and above for RRBs.

155. Ans. D.

- Telangana became the first state in India to accept motor insurance vehicles electronically.

- This was a joint initiative of the state government and IRDAI. The name of is e-VahanBima.

156. Ans. A.

- 11th edition Men's SAFF championship 2015 was held in India.

- India defeated Afghanistan 2-1 in the 2015 final of the SAFF Cup in Thiruvananthapuram.

- Sunil Chhetri and Jeje Lalpekhlua scored for India, with Chhetri scoring the winning goal in a free kick in the 10th minute of extra time.

- Zubayr Amiri scored the first and only goal of the match for Afghanistan in the 71st minute.

- This is India's 7th SAFF cup victory.

157. Ans. D.

- In 2016, the state of Uttar Pradesh commissioned the 660 MW supercritical unit of the Lalitpur Super Thermal Power Project



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(STPP) by Bharat Heavy Electricals Limited (BHEL).

158. Ans. C.

- Facebook, a social networking site, has acquired a video filter app called Masquerade to compete with Snapchat.

159. Ans. D.

- In 2016, Jishnu Raghavan passed away at the age of 35 after a prolonged battle with cancer.

160. Ans. B.

- Immediate Payment Service is an instant payment inter-bank electronic funds transfer system in India managed by the National Payments Corporation of India (NPCI) was launched in 2010.

161. Ans. D.

- Total of 1 crore homes are approved against the total demand of 1.12 crore as of 28 December 2019

162. Ans. C.

- Micro Units Development and Refinance Agency (MUDRA) Ltd. Bank was established to finance NBFC on 8 April 2015.

- It is a subsidiary of SIDBI.

- The loan segment in MUDRA was divided into three parts - Shishu, Tarun and Kishor.

163. Ans. D.

- COP 22 was held in Marrakech, Morocco, from 7–18 November 2016. The focal COP22 was on the issue of water scarcity, water cleanliness, and water-related sustainability, a major problem in the developing world, including many African states.

164. Ans. B.

- Pravasi Bharatiya Divas is a celebratory day observed on 9 January by the Republic of India to mark the contribution of the overseas Indian community towards the development of India.

- The day commemorates the return of Mahatma Gandhi from South Africa to Mumbai on 9 January 1915.

165. Ans. A.

- The Government of India launched the Gold Monetisation Scheme (GMS).

- The scheme was launched by the Prime Minister of India in 2015 with an aim to mobilise gold and facilitate its use for productive purposes, which further will also help in reducing India's dependability on gold imports.

- The scheme will also benefit jewellers by allowing them to obtain loans. Lending institutions such as banks and NBFCs too will be able to monetise this gold.

- In the Union Budget (2015-16) speech, the government had announced to replace the existing Gold Deposit Scheme (GDS) (1999) and Gold Metal Loan (GML) Scheme (1998).

166. Ans. D.

The Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) has been formulated with the vision of extending the coverage of irrigation. Through it high priority was accorded to water conservation and its management. The Pradhan



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Mantri Krishi Sinchayee Yojana (PMKSY) has been approved for implementation across the country with an outlay of Rs. 50,000 crore in five years.

167. Ans. A.

Stand up India scheme is launched for promoting entrepreneurship among SC, ST and Women. Ministry of finance is the nodal agency for this scheme. The schemes involves granting credit in the range of Rs 10 lakhs to 1 crore, for the non-farm, Greenfield projects.

168. Ans. D.

Prime Minister Narendra Modi inaugurated the 103rd edition of the Indian Science Congress (ISC) in Mysuru, Karnataka.

The theme of this edition of the Congress is "Science and Technology for Indigenous Development in India."

169. Ans. B.

* Bandhan, which started as an NGO in 2001 and later turned into a microfinance institute, is the first MFI to become a universal bank. Its operations will be divided into two sectors: micro-banking and general banking, offering complete retail financial solutions with different types of savings and loan products.

170. Ans. B.

Kate Atkinson has won the Costa novel award for the second time in three years for A God in Ruins – the companion novel to Life After Life, which won the award in 2013. A gothic horror novel, a Victorian murder mystery and a biography of

the creator of modern environmentalism were also category winners.

171. Ans. C.

• Mitra Shakti' is a joint military training exercise between India and Sri Lanka.

• On 08th April 2019, the 6th edition of the joint military training exercise between the Indian Army and the Sri Lankan Army, Exercise Mitra Shakti concluded in Sri Lanka.

172. Ans. B.

Shashank Manohar has been unanimously elected as the **new president of the Board of Control for Cricket in India (BCCI)**.

173. Ans. B.

For a BSBDA (Basic Savings Bank Deposit Account),

(a) Total credits in such accounts should not exceed one lakh rupees in a year.

(b) Maximum balance in the account should not exceed fifty thousand rupees at any time

(c) The total of debits by way of cash withdrawals and transfers will not exceed ten thousand rupees in a month.

174. Ans. A.

Indian Bank has launched the "IndPay" Mobile App service.

175. Ans. B.

Preventing conflict and sustaining peace through decent work.

176. Ans. E.

ICICI has recently launched "Smart Vault" digital locker facility.



177. Ans. C.

Abid Ali Neemuchwala has been appointed as the New CEO of India's third largest IT exporter Wipro Limited.

The current CEO T.K. Kurien has been appointed as the Executive Vice Chairman of the company. Both the appointments will be effective from February 1, 2016.

178. Ans. B.

The Mumbai cricketer, Pranav Dhanawade has become the first batsman to score 1009 runs in an innings in any form of cricket in an officially recognised match.

179. Ans. C.

New Bank of India was established in 1936, in Lahore by Mulk Raj Kohli, a professor of Economics turned banker. It moved its head office to Amritsar in 1947, and then to New Delhi in 1956. The New Bank of India which was running at a loss was united with the Punjab National Bank in September 1993. Punjab National Bank (PNB) is an Indian multinational banking and financial services company. It is a state-owned corporation based in New Delhi, India. The bank was founded in 1894.

180. Ans. D.

- Dr. Urjit R. Patel served as the 24th Governor of the Reserve Bank of India from September 2016 to December 2018.

- In 2013, Dr. Patel was appointed as deputy governor of RBI for a period of years.

- During his tenure, the government of India demonetised the Rs.500 and Rs 1000 banknotes from 9th November 2016.

- On 10 December 2018, Urjit Patel resigned from the post of Governor of the Reserve bank of India.

181. Ans. B.

- Buxa National Park is situated in West Bengal.

- It was established as a national park in 1992 with a total area of 117.10 km².

- The Animals which are found in the park are the Tiger, Elephant, Gaur, Wild pig, Civet, Leopard, Jungle Cat, Palm Civet, Wild Dogs, Malayan Giant Squirrels, Chital, Sambar, Barking Deer etc.

- The northern boundary of Buxa National Park runs along the international border with Bhutan.

- Buxa National Park serves as an international corridor for elephant migration between India and Bhutan.

182. Ans. B.

- * Reserve Bank of India comes out with draft norms for 'on-tap' licensing of Small Finance Banks.

- * The RBI may allow existing payments banks to convert into small finance banks (SFBs) if they meet the eligibility criteria, according to the RBI's draft guidelines for 'on-tap' licensing for SFBs.

- * In the draft guidelines for SFBs, the RBI has proposed doubling the minimum paid-up equity capital to ₹200 crore and lowering the



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promoter's stake to 15 per cent in 15 years.

* To encourage urban co-operative banks (UCBs) to convert into SFBs, the RBI has pegged the minimum net worth lower at ₹100 crore from the date of commencement of business.

183. Ans. A.

Prague is the capital of **Czech Republic**.

Note:- The **Czech Republic** is a landlocked country in Central Europe bordered by Germany to the west, Austria to the south, Slovakia to the east and Poland to the northeast.

184. Ans. C.

National **Automated** Clearing House (NACH).

NACH is a web-based platform to facilitate interbank, high volume, electronic transactions for Banks, Financial Institutions, Corporates and Government. It basically functions like an electronic clearing service available especially for banks.

NACH was launched by the National Payment Corporation of India (NPCI). It is very useful to clear bulk and repetitive transactions that take place among banks.

185. Ans. B.

The Competition Commission of India has approved the amalgamation of Bhartiya Mahila Bank into State Bank of India (SBI).

186. Ans. C.

Bajrang Punia is a freestyle wrestler from India. He competes in 65 kg

weight category. He has won three medals at the World Wrestling Championships..

187. Ans. B.

Pinaka Rocket Systems is an indigenous multi-barrel rocket launch system developed by **DRDO**. The Pinaka Mark II Rocket is modified as a missile by **integrating with the navigation**.

The missile navigation system is aided by **Indian Regional Navigation Satellite System**.

Pinaka Mark I has a range of 40 kms while Pinaka Mark II has a range of 70-80 kms.

The rocket system was named after Pinaka, the bow of Lord Shiva.

188. Ans. C.

Veteran Communist Party of India (CPI) leader Ardhendu Bhushan Bardhan passed away in Mumbai, Maharashtra. He was 92. He has been a leading figure of the trade union movement and left politics in India and had played a key role in maintaining the space for Communists in national politics.

189. Ans. B.

The Supreme Court-appointed Justice **R M Lodha panel** had submitted its report to the Supreme Court registry. It suggested for suspension of Chennai Super Kings and Rajasthan Royals for two years from participating in IPL.

190. Ans. C.

* RRBs will have a target of 75 per cent of their outstanding advances for priority sector lending.



191. Ans. D.

HyperText Markup Language, commonly referred to as HTML, is the standard markup language used to create web pages.

Note:- Web browsers can read **HTML files** and render them into visible or audible web pages. HTML describes **the structure of a website** semantically along with cues for presentation, making it a markup language, rather than a programming language.

192. Ans. A.

A **database** is a collection of information that is organized so that it can easily be accessed, managed, and updated. Databases can be classified according to types of content, bibliographic, full-text, numeric and images.

Oracle Database is a multi-model database management system produced and marketed by Oracle Corporation.

193. Ans. B.

A DVD is an example of an Optical Disc.

An optical disk is any computer disk that uses optical storage techniques and technology to read and write data.

194. Ans. C.

- **Hybrid computers are used to control air traffic and radar of national defence.**

- They **exhibit features of analog computers** and **digital computers.**

- The First Hybrid computer was **released by Packard Bell in 1961.**

195. Ans. B.

The **World Wide Web** is an information space where **documents** and other web resources are identified by URLs, interlinked by hypertext links and can be accessed via the Internet. It has become known simply as the **Web.**

196. Ans. C.

Until a computer can recognize handwriting, an input device must be digitizing devices.

197. Ans. A.

The Indian Railways has launched a virtual server 'RailCloud' to optimise server usage and faster connectivity. RailCloud technology is developed by rail PSU RailTel.

198. Ans. C.

WAN spans a large geographical area. Often a country or continent. The host are connected by a communication subnet. This subnet consists of 2 distinct components : Transmission lines and switching elements. So, it WAN's the network numerous cables of telephone lines. Each one connecting a pair of routers if two routers that do not share a cable nevertheless with to communicate they must do this indirectly.

199. Ans. B.

By using Microsoft Excel, we can create column data in Microsoft



Word. It creates columns and rows in a table form.

200. Ans. B.

Spell check is an **application program** that flags words in a document that may not be spelled correctly. Spell checkers capable of operating on a **block of text**, such as a **word processor, email client, electronic dictionary, or search engine.**

201. Ans. C.

Inbox is a folder in a **mailbox** in which incoming messages are stored and displayed.

202. Ans. C.

Half-duplex data transmission means that data can be transmitted in both directions on a signal carrier, but not at the same time.

Note: For example, on a local area network using a technology that has half-duplex transmission, one workstation can send data on the line and then immediately receive data on the line from the same direction in which data was just transmitted.

203. Ans. D.

Insert is used to add or put into your document such as a picture or text.

204. Ans. C.

A **folder** which is contained in another folder is called a **sub-folder.**

205. Ans. B.

- A collection of computer programs, libraries, and related data are referred to as software.

- A computer program is a collection of instructions that can be executed

by a computer to perform a specific task.

- Computer programs may be categorized along functional lines, such as application software and system software.

206. Ans. B.

A **web browser** is a software application for retrieving, presenting, and traversing information resources on the World Wide Web.

Google is an American multinational technology company specializing in Internet-related services and products that include online advertising technologies, search, cloud computing, software, and hardware.

207. Ans. D.

A **gigabyte** is equal to approximately one billion bytes or a **thousand megabytes.**

Note:- A byte is a contiguous sequence of **eight bits** that is used as a **unit of memory**, storage and instructions execution in computers.

208. Ans. D.

An output device is any piece of computer hardware equipment used to communicate the results of data processing carried out by a computer which converts the electronically generated information into human-readable form. Examples of the output device include monitors, projectors, speakers, headphones and printers.



209. Ans. D.

The **Hypertext Transfer Protocol** (HTTP) is an **application protocol** for distributed, collaborative, hypermedia information systems. **HTTP** is the foundation of **data communication** for the World Wide Web.

210. Ans. B.

Microsoft Access is a **DBMS** from Microsoft that combines the **relational Microsoft Jet Database Engine** with a **graphical user interface** and software-development tools.



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