

IBPS-Bank-SO-Marketing-Officer-Prelim-Exam-31.12.17

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REASONINGS

1. Among five people – A, B, C, D and E – each scoring different marks, only one person scored less marks than B. D scored more marks than B but less than A. A did not score the highest marks. Who scored the second highest marks?

1. E
2. Cannot be determined
3. A
4. C
5. D

2. How many such pairs of digits are there in the number 71864392 (both in forward and backward direction), each of which has as many digits between them as in the arithmetic series?

1. More than three
2. None
3. Three
4. One
5. Two

Directions (3-5) : Study the following information carefully and answer the question given below
A is 14 m east of B. C is 6 m south of A. P is 4 m west of C. Point C is the midpoint of Points P and H, such that points P, C and H form a straight line. Q is 6m south of Point H.

3. Kunal walks 10 m towards north from Point. H, takes a left turn, and walks for 4 m, How far will be from Point C?

1. 2 m
2. 10 m
3. 4 m
4. 6 m
5. 7 m

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4. If A is 2m to the north of L and R is 4m west of Q, how far is Point L from Point R?

1. 4 m

2. 10

3. 4 m

4. 6 m

5. 7 m

4. If A is 2m to the north of L and R is 4m west Q, how far is Point L from Point R?

1. 4 m

2. 12 m

3. 7 m

4. 14 m

5. 10 m

5. In which direction is B with respect to H?

1. North – east

2. South – east

3. North – west

4. North

5. West

Directions (6-10) : Study the following information carefully and answer the questions given below: Nine friends — P, Q, R, S, T, U, V, W and X — live on nine different floors of a building but not necessarily in the same order. The lower most floor of the building is numbered two and so on till the topmost floor is numbered nine.

T lives on an odd numbered floor below the floor numbered five. Only three people live between T and X. Only one person lives between X. Only one person lives between X and V. V lives above X. Q lives on an add numbered floor immediately below P. Q does not live on the floor numbered five. The number of persons living between X and P is equal to the number of people living between T and S. W lives on an even numbered floor immediately above R.

6. S is related to the floor numbered six and R is related to the floor numbered three in a certain way then. X is related to which of the following floor numbers following the same way?

1. Five

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2. Nine

3. Seven

4. Eight

5. Four

7. U lives on which of the following floor numbers?

1. Five

2. Four

3. Nine

4. Three

5. Other than those given as options.

8. Four on the following five are alike in a certain way as per the given arrangement and thus form a group. Which of the following does not belong to that group?

1. QU

2. VW

3. SR

4. PR

5. TX

9. How many persons live below the floor on which W lives?

1. One

2. Two

3. More than three

4. Three

5. None

10. Which of the following statements is true as per the given arrangement?

1. Only three people live between S and V.

2. None of the given statements is true

3. Q lives immediately above T.

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4. More than three persons live above R.

5. U lives on the floor numbered nine.

11. Four of the following five are alike in a certain way (based on their positions of alphabet in the English alphabetical series) and hence they form a group. Which is the one that does not belong to the group?

1. PQT

2. NPL

3. FHD

4. KMI

5. WYU

12. In a certain code language, 'give me call' is coded as 'jo kl mx' and 'call' for me' is coded as 'mx jo st'. How will 'for' be coded as in the given code language? (Note: All codes are two letter codes only)

1. Either 'mx' or 'jo'

2. Either 'jo' or 'kj'

3. kj

4. mx

5. st

Directions (13-15) : Study the following information carefully and answer the questions given below :

K and M are the Children of G. G is married to R. S is the sister of G. A is the only son of R. P is the son of K.

13. How is M related to P?

1. Father

2. Uncle

3. Aunt

4. Grandmother

5. Brother-in-law

14. How is S related to R?

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1. Sister-in-law
 2. Daughter-in-law
 3. Niece
 4. Daughter
 5. Granddaughter
15. If S does not have any sister, then how is G related to P?

1. Uncle
2. Grandfather
3. Father-in-law
4. Aunt
5. Grandmother

Directions (16-20) : Study the following information carefully and answer the questions given below :

Nine persons, B, C, D, E, L, M, N, O and P are seated in a straight line facing north, with equal distance between each other, but not necessarily in the same order.

As many people sit to the left of E as to right of E. Only one person sits between E and O. L sits third to the left of P. P is not an immediate neighbor of O. Neither P nor D sits at any of the extreme ends of the line. Only three persons sit between B and C. B is not an immediate neighbor of E. The number of people sitting between B and E is double as that between E and N.

16. Who sits third to the right of B?

1. O
2. E
3. N
4. L
5. No one as B sits at one of the extreme ends of the line

17. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?

1. C, E
2. M, D

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3. O, C

4. D, B

5. B, L

18. Which of the following statements is true with respect to M as per the given arrangement?

1. M sits second to the left of O.

2. M is an immediate neighbour of L.

3. More than two people sit between D and M.

4. None of the given options is true

5. M sits at one of the extreme ends of the line.

19. Who amongst the following sit exactly between L and P?

1. E, N

2. M, O

3. B, N

4. C, O

5. D, E

20. In Which of the given pairs of people, is odd number of people sitting between them?

1. E, M

2. B, M

3. L, C

4. L, P

5. P, O

Directions (21-25) : Study the following information carefully and answer the questions given below :

Gaurav watches seven movies viz. Gladiator, Braveheart, Titanic, Inception, Chinatown, Avatar and Passion on seven different days of the same week, starting from Monday and ending of Sunday, but not necessarily in the same order. Thus on one day he watches only one movie.

Gaurav watches Inception on Friday. He watches only one movie between Inception and Titanic. He watches only three movies between Titanic and Gladiator. He watches only two movies between

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Titanic and Chinatown. Gaurav watches Avatar immediately before the day he watches Titanic. He watches Passion on one of the days after he watches Avatar.

21. How many movies does Gaurav watch between Braveheart and Passion?

1. Two
2. Three
3. One
4. None
5. Four

22. Four of the following five are alike in a certain way based on the given arrangement and thus they form a group. Which is the one that does not belong to that group?

1. Wednesday—Avatar
2. Friday—Braveheart
3. Thursday—Titanic
4. Saturday—Inception
5. Sunday—Chinatown

23. Which of the following statements is true as per the given arrangement?

1. Gaurav watches Inception on the day immediately after the day on which he watches Braveheart.
2. None of the given statements is true.
3. Gaurav watches only two movies between Avatar and Chinatown.
4. Gaurav watches Passion on Wednesday
5. Gaurav watches Gladiator on Sunday.

24. On which day of the week does Gaurav watch Avatar?

1. Saturday
2. Sunday
3. Tuesday
4. Wednesday

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5. Thursday

25. Which movie does Gaurav watch on Monday?

1. Chinatown

2. Gladiator

3. Titanic

4. Bravehear

5. Passion

Directions (26-30) : In each of the following questions, relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statements and select the appropriate answer.

Give answer (1) if both the Conclusion I and Conclusion II are true

Give answer (2) if either Conclusion I or Conclusion II is true

Give answer (3) if only Conclusion I is true

Give answer (4) if only Conclusion II is true

Give answer (5) if neither Conclusion I nor Conclusion II is true

26. **Statements :**

$T = V \leq R < B; T \leq D$

Conclusions :

I. $D \geq R$

II. $B \leq T$

(27-28) : **Statements :**

$R < O \geq E ; Y \geq O > C$

27. **Conclusions :**

I. $Y > R$

II. $E < C$

28. **Conclusions :**

I. $Y = E$

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II. $Y > E$

29. Statements :

$P \geq R = S \geq Q ; M \leq R$

Conclusions :

I. $M < P$

II. $Q \leq M$

30. Statements :

$H < M \geq I > N = C \geq R$

Conclusions :

I. $C < H$

II. $M > R$

Directions (31-35) : In each of the following questions, two/three statements followed by two Conclusions numbered I and II are given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which to the given Conclusions logically follows disregarding commonly known facts.

Give answer (1) if both the Conclusion I and Conclusion II follow.

Give answer (2) if either Conclusion I or Conclusion II follows

Give answer (3) if only Conclusion I follows

Give answer (4) if only Conclusion II follows

Give answer (5) if neither Conclusion I nor Conclusion II follows

31. Statements :

No horse is a goat.

Some goats are deer.

Conclusions :

I. No horse is a deer.

II. Atleast some horses are deer.

(32-33) : Statements :

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Some tree are branches.

Some branches are roads.

No road is a sky.

32. Conclusions :

I. No tree is a sky.

II. Some branches are definitely not skies

33. Conclusions :

I. All roads are trees.

II. All skies are branches.

(34-35) : Statements :

All plates are spoons

All spoons are glasses

Some glasses are mugs.

34. Conclusions :

1. All plates being mugs is a possibility.

II. All glasses are plates

35. Conclusions :

1. Some mugs are spoons.

2. No mug is a spoon.

Directions (36-40) : Study the following information carefully and answer the questions given below :

Eight people — M, N, O, P, Q, R, S and T — are sitting around a square table (but not necessarily in the same order) in such a way that four of them sit at the corners while four sit in the middle of each of the four sides. The ones sitting at the corners are facing the centre and the ones sitting in the middle of the sides and facing outside, (i. e. opposite to the centre).

O sits in the middle of one of the sides. Only two people sit between O and R. T sits to the immediate right of R. T and S face the same direction. N sits to the immediate left of S.P is an immediate neighbor of N. M sits third to the right of P.

36. What is the position of P with respect to T?

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1. Third to the left

2. Second to the left

3. Immediate left

4. Immediate right

5. Second to the right

37. Which of the followings pairs represent the people sitting between O and the one sitting to the immediate right of P, when counted from the left of O?

1. N, S

2. R, N

3. S, M

4. T, Q

5. R, T

38. How many people sit between T and M when counted from the right of T?

1. More than three

2. Two

3. One

4. Three

5. None

39. Which of the following statements is true with respect to the given arrangement?

1. None of the given statements is true

2. Q is an immediate neighbor of T.

3. S sits at one of the corners of the table

4. Only two people sit between M and Q

5. R and N face opposite directions

40. Who sits third to the left of O?

1. R

2. M

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3. P
4. N
5. S

Directions (41-45) : Study the following information carefully and answer the question given below :

Eight friends A, B, C, D, E, F, G and H are seating around a circular table. Some of them are facing inside and others are facing outside. Opposite direction means if one is facing inside the centre, second one face outside the centre, and vice versa.

Three people are seating between F and D and both face opposite direction to each other. E is seating second to right of both D and F, and face opposite direction as F faces. C is seating third to right of E, who is not opposite to B. G is neighbour of both E and D, and seating second to right of B, Who is not a neighbor of E. G is third of left of A, who is third to right of both H and G. B faces towards the centre and is seating second to left of C.

41. If all the friends are seating according to alphabetical order in anticlockwise direction, starting from A, how many friends remain at same position (excluding A)?

1. One
2. Two
3. Thee
4. Four
5. None

42. If D interchanged his position with H and, F interchanged his position with G, who sits immediately right of H in new arrangement?

1. G
2. F
3. E
4. A
5. None

43. Who is sitting third to the left of B?

1. H
2. C

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3. A

4. F

5. None

44. How many persons are facing away from the centre?

1. One

2. Two

3. More than three

4. Three

5. None

45. Who among the following pairs are facing same direction and seating opposite to each other?

1. H, B

2. C, G

3. F, D

4. E, A

5. Both (1) and (2)

Directions (46-50) : Study the following information carefully and answer the questions given below :

Ten friends are sitting on twelve seats in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent persons. In Row 1: A, B, C, D and E are sitting and all of them are facing south, and in Row 2 : P, Q, R, S and T are sitting and all of them are facing north. One seat is vacant in each row. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

All of them like different colours— Red, Green, Black, Yellow, White, Blue, Brown, Purple, Pink and Grey- but not necessarily in the same order.

There are two seats between Q and the vacant seat. Q does not like White, Red and Purple colours. E is not an immediate neighbor of C. B likes Grey. Vacant seat of Row-1 is not opposite to S and is also not at any of the extreme ends of Row— 1. The one who likes Black sits Opposite to the one, who sits third to the right of seat, which is opposite to S. T, who likes neither White nor Blue, does not face vacant seat. D faces R. The vacant seats are not opposite to each other. Two seats are there between C and B, who sits third right of the seat, on which the person who likes Brown is sitting. S sits third to the right of seat on which R sits and likes Yellow. The one who likes Pink faces the one who likes Yellow. The persons who like Red and Purple are adjacent to each

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other. The vacant seat in Row—1 is not adjacent to D. Q sits at one of the extreme ends. E neither likes Pink nor faces the seat which is adjacent to the one who likes Blue. The one who likes White is not to the immediate right of the one who likes Yellow. The person who likes Green doesn't face the person who likes Purple.

46. How many persons are sitting between T and the one who likes yellow colour?

1. None
2. Two
3. One
4. Three
5. None of these

47. Which of the following faces the vacant seat of Row-2?

1. The one who likes White colour
2. A
3. D
4. The one who likes Grey Colour
5. Cannot be determined

48. Who is sitting to the immediate left of person who likes purple colour

1. E
2. The one who likes Black
3. D
4. The one who likes Green colour
5. The one who likes Grey colour

49. Who amongst the following sits at the extreme ends of the rows?

1. R, Q
2. E, S
3. T, C
4. None of these

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50. If Q is made to sit on vacant seat of his row, then how many person are there between the person who sit opposite to Q now and who sat opposite to Q previously?

1. One
2. Three
3. Four
4. None
5. Two

QUANTITATIVE APTITUDE

Directions (51-60) : Each of the questions given below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements sufficient to answer the question. Read both the statements and

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

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

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

Give answer (4) If the data in both the statements I and II are not sufficient to answer the question

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

51. What is the area of the circle?

- I. The perimeter of the circle is 88 cms.
- II. The diameter of the circle is 28 cms.

52. What is the rate of Interest?

- I . Simple interest accrued on an amount of Rs. 25,000 in two years is less than the compound interest for the same period by Rs. 250.
- II. Simple interest accrued in 10 years is equal to the principal.

53. What is the total number of trees planted in the field in rows and columns?

- I. The number of columns is more than number of rows by 4.

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II. The number of rows is 20 and number of trees planted in each row is 25.

54. What is the speed of the current?

1. A man can swim a distance of 9 kms. In $1\frac{1}{2}$ hrs downstream.

II. While coming back upstream it takes him 3 hrs to cover the same distance.

55. What is the minimum passing per cent in a test?

1. Raman scored 25% marks in the test and Sunil scored 288 marks which is 128 more than Raman.

II. Raman scored 64 marks less than the minimum passing marks.

56. What is the value of $x^2 + Y = z$?

1. $4x + 3y + 5z = 60$ and $2x = y, 2y = z$

II. $3x + 3y + 2z = 34$ and $2x + 5y + 6z = 72$

57. Whose body weight is second highest among the five boys Arun, Vinay, Suraj, Raju and Pratap?

1. Average weight of Arun, Suraj and Vijay is 68 kg and average weight of Raju and Pratap is 72 kg. Also Suraj is 78kg. Raju is 68 kg and Vinay is 46 kg.

II. Average weight of Arun, Suraj, Vinay and Raju is 68 kg and also Suraj is 78 kg. Raju is 68 kg and Vinay is 46 kg. All or them have different weight

58. What will be the total cost of fencing a rectangular plot?

1. The area of rectangular plot is 216 sq.metre and ratio between the length and breadth is 3 : 2.

II The rate of fencing is Rs. 125 per meter.

59. What is the population of the city A?

I. The ratio of the population of males and females in city A is 27 : 23 and the difference between their populations is 100000.

II. The population of city A is 80% of that B. The difference of Population of city A and city B is 312500.

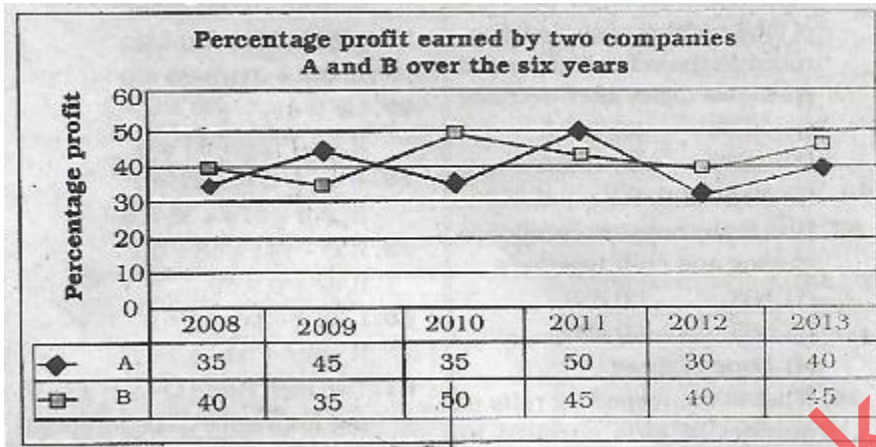
60. How many students did participate in elocution?

1. The students who participated in dancing were 150% more than that who participated in elocution.

II. 150 students participated in dancing.

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Directions (61-65) : Study the following graph carefully and answer the question given below it.



61. Expenditures of company B in 2009 and 2010 are Rs. 12 lakhs and Rs. 14.5 lakhs respectively. What was the total income of company B in 2009 and 2010 together (in lakh rupees)?

1. 39.75
2. 37.95
3. 38.75
4. 38.55
5. None of these

62. Ratio of expenditure of company A and company B in 2012 was 3 : 4 respectively. What was the respective ratio of their incomes in 2012?

1. 21 : 26
2. 13 : 14
3. 14 : 13
4. 26 : 21
5. None of these

63. Total expenditure of company A in all the years together was 82.5 lakhs. What was the total income of the company A in all the years together?

1. Rs 1.23 crores
2. Rs. 98.75 crores

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3. Rs 99.85 crores

4. Cannot be determined

5. None of these

64. If the expenditures of company A and company B in 2013 were equal and the total income of the two companies was Rs. 5.7 lakhs, what was the total expenditure of the two companies in 2013?

1. Rs. 4 lakhs

2. Rs. 2 laksh

3. Rs. 4.2 laksh

4. Cannot be determined

5. None of these

65. If the incomes of company B in 2010 and 2011 were in the ratio of 2 : 3 respectively, what was the respective ratio of expenditures of that company in these two years?

1. 20 : 29

2. 9 : 10

3. 29 : 45

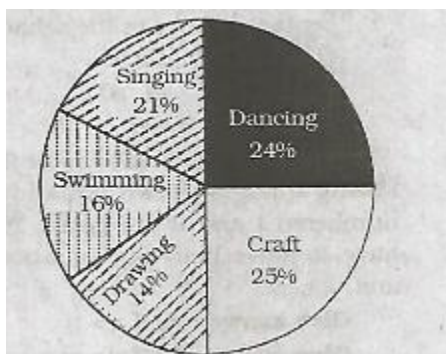
4. 10 : 29

5. None of these

Directions (66-70) : Study the pie-charts carefully to answer the given question.

Percentage of students enrolled in different activities in a school

Total Students = 3000



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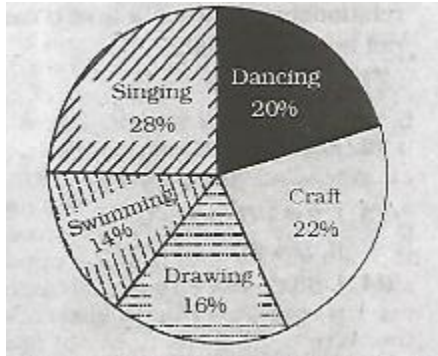
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Percentage break-up of girls enrolled in these activities out of the total Girls

Number of Girls = 1750



66. The number of girls enrolled in dancing forms what per cent of total number of students enrolled in the school? (rounded off to two digits after decimal)

1. 12.35
2. 14.12
3. 11.67
4. 10.08
5. None of these

67. How many boys are enrolled in singing and craft together?

1. 505
2. 610
3. 485
4. 420
5. None of these

68. What is the respective ratio of number of girls enrolled in swimming to the number of boys enrolled in swimming?

1. 47 : 49
2. 23 : 29
3. 29 : 23

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4. 49 : 47

5. None of these

69. What is the total number of girls enrolled in swimming and drawing together?

1. 480

2. 525

3. 505

4. 495

5. None of these

70. What is the Approximate percentage of boys in the school?

1. 34

2. 56

3. 28

4. 50

5. None of these

Directions (71-80) : In the following questions two equations numbered I and II are given. You have to solve both the equations Numbered I and II are given. You have to solve both the equations and

Give answer (1) if $x > Y$

Give answer (2) if $x \geq Y$

Give answer (3) if $x < Y$

Give answer (4) if $x \leq Y$

Give answer (5) if $x = Y$ or the relationship between x and y cannot be established

71.

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

II. $15y^2 + 87 + = 0$

72.

I. $x^2 + 5x + 6 = 0$

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II. $4y^2 + 24y + 35 = 0$

73.

I. $2x^2 + 5x + 3 = 0$

II. $y^2 + 9y + 14 = 0$

74.

I. $88x^2 - 19x + 1 = 0$

II. $132y^2 - 23y + 1 = 0$

75.

I. $6x^2 - 7x + 2 = 0$

II. $20y^2 - 31y + 12 = 0$

76.

I. $6x^2 + 23x + 20 = 0$

II. $6y^2 + 31y + 35 = 0$

77.

I. $x^2 = 81$

II. $y^2 - 18y + 81 = 0$

78.

I. $4x^2 + 20x + 21 = 0$

II. $2y^2 + 17y + 35 = 0$

79.

I. $x^2 - 14x + 48 = 0$

II. $y^2 + 6 = 5y$

80.

I. $38x^2 - 3x - 11 = 0$

II. $28y^2 + 32y + 9 = 0$

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81. Two men P and Q start a journey from same place at speeds of 3 km/hr and $3\frac{1}{2}$ km/hr respectively. If they move in the same direction then what is the distance between them after 4 hours?

1. 3 km
2. $2\frac{1}{2}$ km
3. 2 km
4. $3\frac{1}{2}$ km
5. None of these

Directions (82-85) : What will come in place of question mark (?) in the given question?

82. $14 \times 627 \div \sqrt{(1089)} = (?)^3 + 141$

1. $5\sqrt{5}$
2. $(125)^3$
3. 25
4. 5
5. None of these

83. $2\frac{1.5}{5} + 1\frac{3.5}{15} = (?)^{1/3}/4 + 1\frac{7}{30}$

1. 2
2. 8
3. 512
4. 324
5. None of these

84. $(\sqrt{7} + 11)^2 = (?)^{1/3} + 2\sqrt{(847)} + 122$

1. $36 + 44\sqrt{7}$
2. 6
3. 216
4. 36

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5. None of these

85. $(18/4) \times (455/19) \div (61/799) = ?$

1. 6320

2. 6400

3. 6350

4. 6430

5. 6490

Directions (86-90) : What will come in place of question mark (?) in the given number series?

86. 28 39 63 102 158 ?

1. 232

2. 242

3. 233

4. 244

5. None of these

87. 7 16 141 190 919 ?

1. 1029

2. 1019

3. 1020

4. 1030

5. None of these

88. 12 17 32 57 92?

1. 198

2. 195

3. 137

4. 205

5. None of these

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89. 19 25 45 87 159 ?

1. 254
2. 279
3. 284
4. 269
5. None of these

90. 83 124 206 370 698 ?

1. 1344
2. 1324
3. 1364
4. 1334
5. None of these

| Directions (91-95) : Study the table carefully and answer the given questions. | | | | |
|---|---------------------------|--|---------------------------------|---|
| Publishing Houses | Number of books published | Ratio of Academic and Non-academic books | Percentage of books distributed | Number of Distributors in publishing houses |
| M | 28200 | 7 : 3 | 81 | 17 |
| N | 32200 | 5 : 9 | 74 | 23 |
| O | 29700 | 6 : 5 | 92 | 18 |
| P | 31200 | 8 : 5 | 86 | 24 |
| Q | 33800 | 7 : 6 | 79 | 25 |
| R | 35700 | 11 : 6 | 82 | 21 |
| S | 37800 | 4 : 13 | 89 | 24 |

91. what is the difference between the number of academic books published by publishing house M and P?

1. 450
2. 640
3. 540
4. 504
5. None of these

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92. How many books were given to each distributor by publisher Q if each distributor gets equal number of books?

1. 1806
2. 1068
3. 1608
4. 1308
5. None of these

93. What is the average number of non-academic books published by publishers R and S?

1. 18750
2. 18850
3. 19950
4. 18950
5. 19990

94. If the total number of books published by publishers P, Q and R is increased by 30% and the total number of books published by remaining publishers is decreased by 20%, what will be the new average of books published by all publishers?

1. 33418
2. 33318
3. 32518
4. 33618
5. None of these

95. What is the total number of books distributed by publishers O and Q?

1. 26702
2. 27324
3. 55026
4. 54026
5. None of these

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96. Meena Kumari goes to a shop and buys a saree, costing Rs. 5, 225, including sales tax of 12%. The shopkeeper gives her a discount, so that the price is decreased by an amount equivalent to sales tax. The price is decreased by (nearest value)

1. Rs. 615
2. Rs. 650
3. Rs. 560
4. Rs. 580
5. Rs. 680

97. Mr. Phanse invests amount of Rs.24,200 at the rate of 4 p.c.p.a for 6 years to obtain a simple interest, Later he invests the amount as well as the amount obtained as simple interest for another 4 years at the same rate of interest. What amount of simple interest will he obtain at the end of the last 4 years?

1. Rs. 4,800
2. Rs. 4.850.32
3. Rs. 4.801.28
4. Rs. 4,700
5. Rs. 4,700

Direction (98-99) : The questions are based on the following information : Read it carefully answer the question.

There are three different cable channels namely ahead, luck and bang. In a survey, it was found that 85% of viewers, viewers, respond to bang, 20% to luck and 30% to ahead. 20% of viewers respond to exactly two channels and 5% to none.

98. What percentage of the viewers responded to all three?

1. 10
2. 12
3. 14
4. 16
5. 11

99. Assuming 22% respond to ahead and bang, and 16% respond to bang and luck, what is the percentage of viewers, who watch only luck?

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1. 2

2. 3

3. 1.6

4. 1.8

5. 1.4

100. A milkman mixes 20 litres of water with 80 litres of milk. After selling one-fourth of this mixture, he adds water to replenish the quantity that he has sold. What is the current proportion of water to milk?

1. 2:3

2. 1:2

3. 1:3

4. 2:1

5. 3:4

ENGLISH LANGUAGE

Direction (101-105) : In the following question, each sentence has two blanks, each blank indicating that something has been omitted. Choose the set of words for the blanks which best fits the meaning of the sentences as a whole

101. A rift on a gigantic ice shell has grown more _____ in the past few months than it has _____ the past five years, and the consequences could be disastrous

1. rapidly, over

2. slowly, from

3. fast, in

4. sluggishly, under

5. briskly, on

102. Contrary to the usual _____ of air travel, wherein July is the lean month, this year's air travel data presents a _____ picture

1. style similar

2. trend, different

3. pattern, poor

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4. statistie, solid

5. fad, drastic

103. The new material when incorporated _____ windows, or sunroofs, can _____ windows, or sunroofs, can _____ the incoming heat and light from the Sun, thereby cutting electricity costs.

1. at, forfeit]

2. to, marriage

3. in, control

4. for, change

5. of, regulate

104. Initially preferred by by many as a winter _____, velvet has, over the years, assumed great versatility and can now be worn _____ the year.

1. dress, along

2. Clothing, across

3. thread, for

4. fabric, throughout

5. suit, out

105. Recently, the local municipal corporation of the city has made the _____ of yoga mandatory in all the schools that come _____ its purview.

1. outcome, within

2. duty, on

3. essence, for

4. custom, off

5. practice, under

Directions (106-115) : Read the following passage carefully and answer the questions given below it. Certain words/Phrases have been given in bold to help you locate them while answering some of the questions.

Education is most of the developing world is shocking, Half the children in South Asia and a third of those in Africa who complete four years of schooling cannot read properly. In India, 60% of six-to-14-year-olds cannot read at the level of a child who has finished two years of schooling.

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Most governments have proposed to provide universal primary education and to promote secondary education. But even when public schools exist, they often fail to do so. Results of the survey conducted in this respect by the World Bank depicted worrisome results. In rural Indian schools, a quarter of teacher were absent. In Africa, the teacher-absenteeism rates ranged between 15-25%. Pakistan recently discovered that it had over 8,000 non-existent state schools. 17% of the total. Sierra Leone spotted 6,000 'ghost' teachers, nearly a fifty the number on the state payroll, 'Powerful teachers, nearly a fifty the number on the state payroll, 'Powerful teachers' unions are part of the problem. They often see jobs as hereditary sinecures, the State-education budget as a revenue stream to be milked and any attempt to monitor the quality of education as an intrusion. The union can be fear-some enemies, so governments leave them to run schools in the interests of teachers rather than pupils.

The failure of State education, combined with the shift in emerging economies from farming to jobs that need at least a modicum to jobs that need at least a modicum of education, has caused a private-school boom. According to the World Bank, across the developing world, a fifty of primary-school pupils are enrolled in private schools twice, as many as 20 years ago. So many private schools are unregistered that the real figure is likely to be much higher. A census in Lagos found 12,000 private schools, four times as many as on government records. Across Nigeria, 26% of primary-age children were in private schools in 2010, up from 18% in 2004. In India in 2013, 29% were, Up from 19% in 2006. In Liberia and Sierra Leone, around 60% and 50% respectively of secondary-schools enrolments are private.

By and large, politicians and educationalists are unenthusiastic. Governments see education as the State's job. Teacher's unions dislike private schools because they pay less and are harder to organize in NGOs tend to be ideologically opposed to the private sector. The UN special rapporteur on education has said that 'for - profit education should not be allowed in order to safeguard the noble cause of education.' This attitude harms those whom educationalists claim to serve children.

The boom in private education is excellent news for them and their countries, for three reasons. First, it is bringing in money- not just from parents, but also from investors, some in search of a profit. Most private schools in the developing world are single operators that charge a few dollars a month, but chains are now emerging. Bridge International Academies, for instance, has 400 nursery and primary schools in Kenya and Uganda which teach in standardized classrooms that look rather like stacked shipping containers. It plans to expand into Nigeria and India. Mark Zuckerberg, Facebook's founder, Bill Gates and the International Finance Corporation, the World Bank's private-sector arm, are among its investors. Chains are a healthy development, because they have reputation to guard, Second, private schools are often better value for money than State ones. Measuring this is hard, since the children who go to private schools tend to be better off and therefore likely to perform better. But a rigorous four-year study of 6,000 pupils perform better in English and Hindi than public-school pupils and at a similar level in mathematics and Telugh, the local language. The private schools achieved these results at a third of the cost of public schools. Lastly, private schools are innovative. Since technology has great (thought as yet mostly unrealized) potential in education, this could be important. Bridge gives teachers tablets linked to a central system that provides teaching materials and monitors 'their work. Such robo-teaching may not be ideal, but it is better than lessons without either materials or monitoring. Critics of the private sector are right that It has problems. Quality ranges from top-notch

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international standard to not much more than cheap child care. But the alternative is often a public school that is worse — or no school at all.

106. As mentioned in the passage, the boom in education sector, brought in by the private education, is welcomed because _____.

- A. IT provides a platform for bringing in innovative practices.
- B. It focuses on educating children on a large scale.
- c. It encourages investment from all stakeholders.

- 1. Only (A)
- 2. Only (B)
- 3. Both (A) and (C)
- 4. Only (C)
- 5. Both (B) and (C)

107. Which of the following is true in the context of the passage?

- 1. Private schools in Africa function better as compared to those in Sierra Leone.
- 2. Keeping track of the number of mushrooming private schools is easy in the developing world.
- 3. The education sector in Liberia is mainly dominated by public schools.
- 4. Standalone education Institutions are better managed as compared to chains of schools.
- 5. None of the given statements is true.

108. Which of the following is most nearly the opposite in meaning as the word 'SAFEGUARD' as used in the passage?

- 1. threaten
- 2. shield
- 3. misfortune
- 4. violent
- 5. default

109. which of the following is most nearly the opposite in meaning as the word UNENTHUSIATIC as used in the passage?

- 1. illogical

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2. passionate
3. apathetic
4. kind
5. distressed

110. The data with respect to the failure of public schools _____

1. depicted the real picture of the education sector in the developed world
2. identified loopholes in the existing pedagogy followed by most public schools.
3. brought to the fore the fact that teachers must under go constant training.
4. highlighted the fact that a good number of schools and teachers existed only on paper
5. emphasised the point that absenteeism from school was a problem that existed only in the developing world.

111. Which of the following correctly explains the meaning of the phrase. 'hereditary sinecures' as used in the passage for jobs?

1. These can be acquired only on the basis of merit.
2. These are inherited by female members of the family and passed on from generation to generation.
3. These are acquired with minimum effort and involve little or no work.
4. These are married by insecurities
5. These are not at all lucrative

112. Which of the following is most nearly the SAME in meaning as the word 'MILKED' as used in the passage?

1. saved
2. exploited
3. expressed
4. outsourced
5. managed

113. As mentioned in the passage, teachers' unions pose a threat to the education system because

- A. they have a strong network of student volunteers.

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- B. they always think about betterment of students at the cost of interests of teachers.
c. they follow controversial methods of teaching.

1. Only (A)
2. Only (B)
3. Both (A) and (B)
4. Only (C)
5. None of the given (A), (B) and (C)

114. Which of following is most nearly the same in meaning as the word 'MODICUM' as used in the passage?

1. minimum
2. strategy
3. medium
4. abundance
5. relief

115. Which of the following is the central theme of the passage?

1. Exploring methods to implement education models from the western world.
2. Provisions for making teacher unions an integral part of the education system.
3. Exploring the role played by the technology to better the education sector in the developed world
4. Concerns surrounding the education system in the developing world.
5. Critically analysing the loopholes in the private sector.

Directions (116-120) : Rearrange the given six sentences (A), (B), (C), (D), (E) and (F) in a proper sequence so as to form a meaningful paragraph and then answer the given questions.

- A. This is because forests are a source of transpiration, which adds to rainfall. 2-
- B. It contributes to around 25% of the total precipitation in the later stages of the monsoon.
- C. Conversion of forests into agricultural land is weakening India's monsoon.
- D. The latter cannot do the same, thereby resulting in a weak monsoon.

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E. Now, transpiration is the process by which trees channel moisture from the soil into the air.

F. However, deforestation replaces deep-rooted plants with shallow-rooted vegetation.

116. Which of the following should be the second sentence after the rearrangement?

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

117. Which of the following should be the Third sentence after the rearrangement?

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

118. Which of the following should be the first sentence after the rearrangement?

1. B
2. F
3. D
4. C
5. A

119. Which of the following should be the sixth (last) sentence after the rearrangement?

1. B
2. C
3. D
4. E
5. F

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120. Which of the following should be the fifty sentence after the rearrangement?

1. B
2. C
3. D
4. E
5. F

Directions (121-130) : Which of the phrases given against the sentence should replace the word/phrase given in bold in the sentence to make it grammatically correct ? If the sentence is correct as it is given and no correction is required. Select 'No correction required' select 'No correction required' as the answer.

121. The drought preceding winter has played spoilsport with regard to the sowing of winter crops such as wheat, pulses and oilseeds.

1. playing spoilsport
2. are being playing spoil-sports
3. has been spoilt
4. to play spoils sport
5. No correction required

122. Evidence indicates that businesses are holding off on investment as they await clearly about this country's future relationship with the European Union.

1. they wait for clarity
2. clearly waiting
3. their waiting clearly
4. to wait for clarity
5. No correction required

123. Over the past three years, the government has been urging civil servants to open bank accounts to which they pay transferred directly.

1. they are paid
2. their paying to be
3. their paying can be

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4. it has been paid

5. No correction required

124. Scientists at an American University have discovered a fabric that keeps the skin 2 degrees cooler which will be good for the wearer serve to reduce energy bills

1. by serving reduced

2. and also serve to reduce

3. to serve reduce

4. by serving a reduction

5. No correction required

125. Newly created a vaccine from scratch in a huge undertaking, but in the case of Ebola, several vaccines were already on the shelf, thanks to the work of the army.

1. Creating a new

2. Creating from a new

3. To create newly

4. The new creation

5. No correction required

126. As per the World Giving index, India came down in the rankings from 93 in 2013 to 106 in 2014 demonstrating an over-all reduction in Indian philanthropy.

1. that reducing overall

2. how to reduce overall

3. that an overall reduction of

4. if there is overall a reduction

5. No correction required

127. The company has been testing self-driving cars on the roads of the capital for months and will soon begin offering customers request chances rides in one.

1. a chance request

2. to request chance

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3. a chance to request

4. requesting a chance

5. No correction required

128. They became much involved in the rescue and relief work that they refused to be evacuated,

1. so involved with

2. very involved

3. more involved with

4. too involved that

5. No correction required

129. To appreciate the social transformations that took place in Europe between 1815 and World War I, It is Importantly considered its towns and cities evolved.

1. Considered of importance that

2. to be considered importantly

3. Important to consider how

4. considered how important

5. No correction required

130. When a country became richer, that tend to move away from the use of cash on grounds of security, convenience and cost.

1. When rich countries

2. Until rich country becomes richer

3. A country which is rich

4. As countries become richer

5. No correction required

Directions (131-140) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. Select the part with the error as your answer. If there is no error, your answer is (5) i. E. No error. (Ignore errors of punctuation, if any)

131.

1. For almost three decades, central bankers

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2. have agreed that one of the best way
3. to stabilise an economy is
4. to aim for a specific inflation target
5. No error

132.

1. Consulting firms estimates that about \$140 billion
2. of the world's IT budget of \$34 trillion will be spend
3. on cloud computing this year alone
4. a number which is expected to grow tenfold by next day.
5. No error

133.

1. In this state, a mere
2. five percent of the food been consumed
3. is grown locally, compared
4. to 81 percent in the other states
5. No error

134.

1. Ater years of economic stagnation
2. and questionable lending
3. bad loans at Italian banks
4. have pile up.
5. No error

135.

1. The main reason for Britain's success
2. at the Olympics was
3. The efficient allocation of fund toward

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4. equipment facilities and training for athletes.

5. No error

136.

1. Over thirty years ago, Chile created

2. a pension system in which workers

3. had to save for their own retirement by paying

4. 10 percent of its earnings into individual accounts

5. No error

137.

1. The cement industry is one of

2. the world's most polluting industries

3. and it accounts five percent of

4. manmade carbon dioxide emissions each year

5. No error

138.

1. Under the 'Dodd-Frank' Act, a law aimed

2. mainly at tightening the regulation of companies,

3. firms in the United States had to be able

4. to show how the minerals used in their products are form

5. No error

139.

1. Launching a satellite into space

2. remained a risky and hideously

3. expensive proposition, only taken

4. up by governments and a few companies.

5. No error

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140.

1. Under the terms of the policy,
2. a payment has been triggered only
3. If more than 1.39 million people
4. are affected by the drought.
5. No error

Directions (141-150) : In the given passage, there are blanks, each of which has been numbered. Against each, five words are suggested. One of which fits the blank appropriately. Find the appropriate word in each case.

Brazil's tourism ministry is (141) a 6% increase in the number of tourists visiting the country (142) the next year, following the end of the Rio Olympics. The number is an estimate based on the (143) from the last three Olympic host cities-Athens, Beijing and London. Now that the curtain has been (144) and that the host country has taken its final bow. Brazil (145) the survey results from its international visitors. Rio (147) five lakh visitors (148) the games, with 88% of foreigners saying that they intend to come back to Brazil. However, when it (149) to security, public transport, infrastructure and prices, satisfaction levels fall (150) the "good" category.

141

1. negotiating
2. announcing
3. predicting
4. generating
5. approving

142.

1. on
2. over
3. from
4. off
5. at

143.

1. searching

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2. highlight
3. citing
4. findings
5. discoveries

144.

1. drawn
2. fallen
3. risen
4. there
5. picked

145.

1. have
2. had
3. has
4. were
5. was

146.

1. unto
2. on
3. for
4. in
5. of

147.

1. stopped
2. felt
3. resided

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4. brought

5. received

148.

1. during

2. on

3. without

4. by

5. down

149.

1. goes

2. falls

3. comes

4. moves

5. leaves

150.

1. above

2. down

3. besides

4. under

5. out

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