

LIC ADO Prelims (12th Mar) Memory Based Paper (PDF In English)

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

1. $18^2 - 517 \div 11 - \sqrt{361} = ?$

- A. 258
- B. 216
- C. 168
- D. 391
- E. 312

2. $150\% \text{ of } 84 + ?\% \text{ of } 130 = 230$

- A. 80
- B. 48
- C. 19
- D. 110
- E. 75

3. $\sqrt{573 - 819 + 775} = ? \div 3$

- A. 27
- B. 69
- C. 93
- D. 57
- E. 42

4. $\frac{360 - ?}{25\% \text{ of } 96} = 13$

- A. 72
- B. 31
- C. 62
- D. 48
- E. 52

5. $7\frac{1}{5} - 3\frac{1}{4} + 8\frac{3}{4} = ?$

- A. $10\frac{3}{4}$
- B. $15\frac{2}{8}$
- C. $12\frac{7}{10}$
- D. $8\frac{7}{5}$
- E. $14\frac{1}{4}$

6. A person spent 10% of his monthly salary on house rent, 20% of salary on groceries and 10% of the remaining on transport. He saved all the remaining amount in a bank. If he saved Rs. 28350 in a bank then find the monthly salary of person.

- A. Rs. 45000
- B. Rs. 32500
- C. Rs. 39000
- D. Rs. 56400
- E. Rs. 64000

7. The area of a rectangle is 210 cm^2 . The length of rectangle is 1 cm more than its breadth. What is the area of a square whose side is 3 cm less than the length of rectangle?

- A. 225 cm^2
- B. 196 cm^2
- C. 121 cm^2
- D. 144 cm^2
- E. None of these

8. The sum of the present age of A and B is 45 years. The ratio of their age, 3 years hence will be 10 : 7. What is the present age of A?

- A. 30 years
- B. 21 years
- C. 27 years
- D. 25 years
- E. 32 years

9. A boat travels 93 km downstream in 3 hours and travels 68 km upstream in 4 hours. What is the speed of stream?

- A. 4 km/h
- B. 7 km/h
- C. 9 km/h
- D. 5 km/h
- E. None of these

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10. A and B can do a work in 20 days while B and C can do the same work in 15 days. If A alone can do the same work in 30 days then in how many days C alone can do the work?

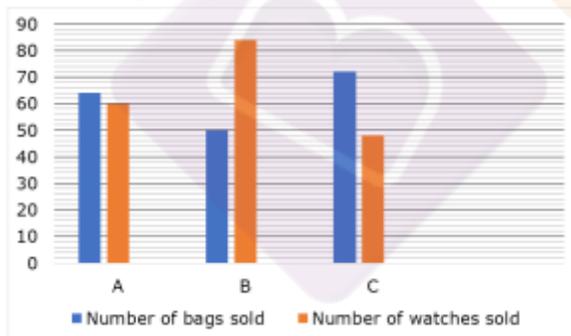
- A. 24
- B. 12
- C. 18
- D. 20
- E. 15

11. A sum is invested at simple interest at a rate of 12% per annum. If the amount obtained at the end of 3 years is Rs. 816. What would have been the interest if the same sum is invested at 8% per annum for 2 years at simple interest?

- A. Rs. 120
- B. Rs. 96
- C. Rs. 108
- D. Rs. 64
- E. None of these

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

The given below bar graph shows the number of bags and watches sold by three shopkeepers, A, B and C.



12. What is the ratio of the number of bags sold by C to the number of watches sold by A?

- A. 6 : 7
- B. 9 : 10
- C. 8 : 5
- D. 3 : 4
- E. 6 : 5

13. The number of bags sold by A is by what percentage more than the number of bags sold by B?

- A. 14%
- B. 32%
- C. 28%
- D. 25%
- E. None of these

14. If B obtained a profit of Rs. 80 on each bag and A obtained a profit of Rs. 25 on each watch, what will be the ratio of total profit of B on bags to the total profit of A on watches?

- A. 8 : 3
- B. 14 : 9
- C. 9 : 4
- D. 5 : 2
- E. None of these

15. What is the average number of bags sold by A, B and C?

- A. 51
- B. 75
- C. 62
- D. 54
- E. None of these

16. D is another shopkeeper who sells wallets. The number of wallets sold by D is $16\frac{2}{3}\%$ more than the average number of watches sold by B and C. Find the number of wallets sold by D?

- A. 77
- B. 88
- C. 61
- D. 53
- E. 92

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

17. 14, 15, 32, 99, 400, ?

- A. 1024
- B. 2316
- C. 1275
- D. 2005
- E. 1880

18. 49, 121, 169, 289, 361, ?

- A. 757
- B. 529
- C. 483
- D. 625
- E. 484

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

19. My ankle was weak, (1)/ so I always put a bandage (2)/ on it to support it (3)/ when I play tennis.(4)

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

20. He showed real strength (1)/ in refuse to change his vote (2)/ in spite of the call (3)/ from the president.(4)

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

21. She is one of (1)/ the few singer who (2)/ can bring off such a (3)/ difficult piece of music. (4)

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

Direction: In the given sentence, some words are printed in bold one of which may be wrongly spelt or inappropriately used in the context. Choose that word as the answer. If all the words printed in bold are correct, mark E, i.e., 'All are correct' as the answer.

22. Many **people** (A) were **demoralized**, (B) lost their sense of human **dignity**, (C) and felt **humiliated**.(D)

- A. A
- B. B
- C. C
- D. D
- E. All are correct

23. **Some** (A) children are **grown** (B) by grandparents or other family members, **instead** (C) of their **biological** (D) parents.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

24. A **warning** (A) was issued regarding the **safety** (B) of the **bridge**, (C) asking everyone to avoid the overpass until the ice **milted**.(D)

- A. A
- B. B
- C. C
- D. D
- E. All are correct

25. Technical **difficulties** (A) at the television **station** (B) meant that viewers weren't able to see any of the **airings** (C) until the problems were **resolved**.(D)

- A. A
- B. B
- C. C
- D. D
- E. All are correct

26. They **tried** (A) to buy the **gaurd** (B) at the bank off but he **told** the police and the **gang** (C) were **arrested**.(D)

- A. A
- B. B
- C. C
- D. D
- E. No error

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

27.

- A) school and encouraged
 - B) to work after graduation
 - C) a recruiter went to the
 - D) students to join the military
 - E) instead of going straight
- A. CDEAB
 - B. CBAED
 - C. CADEB
 - D. ACEBD
 - E. AECBD

28. A) reigning champ refused
B) after being beaten, the now
C) boxer wanted a rematch
D) to face him in the ring again
E) although the defeated

- A. ACBED
- B. ECBAD

- C. CBAED
- D. EDACB
- E. DAEBE

29. A) them figure out the suspect's
B) woman wasn't cooperative
C) identity, but the closed-lipped
D) the police hoped that
E) the witness would help

- A. AEDBC
- B. EDACB
- C. BCAD E
- D. CADEB
- E. DEACB

Direction: In the following question, a word is given, which has been used in the three statements given below it. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

30.

Stare

I. I looked in her face for some response, but she just **stared** at me blankly.

II. I tripped going up the **stares** and my books went flying.

III. The main task of the new government will be to **stare** the country towards democracy.

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

Direction: In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately.

Long ago, the Lion was the only animal with a tail.

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One day he (**###Q13###**) that all animals should have a tail like him and got tails made for all the animals in his kingdom.

When the tails were ready he (**###Q14###**) all his subjects to his cave palace so that he could hand out the appendages.

All the animals went except the dassie. The dassie felt too lazy to go and asked a monkey going by to (**###Q15###**) his tail for him.

The Lion had selected a small furry tail for the dassie. When the monkey explained that the dassie could not come and had asked him to bring the tail, the Lion gave it to him.

The monkey had been given a nice long tail but as he was going home it (**###Q16###**) to him that the tail would look better if it were a bit furry towards the end. So he (**###Q17###**) the dassie's tail to it. The Tailless Dassie

The dassie was very disappointed when he learnt that the monkey had kept his tail for himself.

But he was too lazy to (**###Q18###**) the monkey to try to get his tail back and that is why he remains tailless to this day.

31. Find the appropriate word in each case.

- A. arranged
- B. organized
- C. decided
- D. think
- E. wanted

32. Find the appropriate word in each case.

- A. told
- B. brought
- C. asked

- D. summoned
- E. collected

33. Find the appropriate word in each case.

- A. got
- B. fetch
- C. transport
- D. deliver
- E. escort

Direction: In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately.

Long ago, the Lion was the only animal with a tail.

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The dassie was very disappointed when he learnt that the monkey had kept his tail for himself.

But he was too lazy to (**###Q18###**) the monkey to try to get his tail back and that is why he remains tailless to this day.

34. Find the appropriate word in each case.

- A. stuck
- B. appeared
- C. occurred
- D. came
- E. Showed

35. Find the appropriate word in each case.

- A. Glue
- B. Bind
- C. soldered
- D. attached
- E. transferred

Direction: In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately.

Long ago, the Lion was the only animal with a tail.

One day he (**###Q13###**) that all animals should have a tail like him and got tails made for all the animals in his kingdom.

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The dassie was very disappointed when he learnt that the monkey had kept his tail for himself.

But he was too lazy to (**###Q18###**) the monkey to try to get his tail back and that is why he remains tailless to this day.

36. Find the appropriate word in each case.

- A. follow
- B. pursue
- C. trace
- D. shadow
- E. Woo

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

Ten people are sitting in two parallel rows. A, B, C, D, E are sitting in row - 1 and facing south and V, W, X, Y and Z are sitting in row - 2 and facing north such that the people sitting in row - 1 are sitting opposite to the people sitting in row - 2. All the information is not necessarily in the same order. A sits third to the right of the one who faces X. V sits opposite to the one who sits adjacent to A. Two people sit between V and W. E sits two places away from the one who faces W. One person sits between B and E who does not face Z. C does not sit adjacent to B.

37. Who sits third to the left of C?

- A. D
- B. E
- C. A
- D. B
- E. Cannot be determined

38. How many people sit to the right of Y?

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

39. Who sits second to the left of the one who sits opposite to Z?

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

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

Ten people are sitting in two parallel rows. A, B, C, D, E are sitting in row - 1 and facing south and V, W, X, Y and Z are sitting in row - 2 and facing north such that the people sitting in row - 1 are sitting opposite to the people sitting in row - 2. All the information is not necessarily in the same order. A sits third to the right of the one who faces X. V sits opposite to the one who sits adjacent to A. Two people sit between V and W. E sits two places away from the one who faces W. One person sits between B and E who does not face Z. C does not sit adjacent to B.

40. Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?

- A. Z
- B. A
- C. D
- D. W
- E. B

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

Ten people are sitting in two parallel rows. A, B, C, D, E are sitting in row - 1 and facing south and V, W, X, Y and Z are sitting in row - 2 and facing north such that the people sitting in row - 1 are sitting opposite to the people sitting in row - 2. All the information is not necessarily in the same order. A sits third to the right of the one who faces X. V sits opposite to the one who sits adjacent to A. Two people sit between V and W. E sits two places away from the one who faces W. One person sits between B and E who does not face Z. C does not sit adjacent to B.

41. Who sits opposite to B?

- A. Z
- B. W
- C. X
- D. Y
- E. V

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

Eight People i.e., P, Q, R, S, T, U, V and W live in an eight-floor building. The lowermost floor is numbered as 1, the floor above it numbered as 2 so on till the topmost floor which is numbered as

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8 . All the information is not necessarily in the same order.

Three people live above R. Two people live between R and P. S lives just below P. Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

42. How many people live above T?

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

43. Who lives on the lowermost floor?

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

44. How many people live between R and S?

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

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

Eight People i.e., P, Q, R, S, T, U, V and W live in an eight-floor building. The lowermost floor is numbered as 1, the floor above it numbered as 2 so on till the topmost floor which is numbered as 8 . All the information is not necessarily in the same order.

Three people live above R. Two people live between R and P. S lives just below P. Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

45. Which amongst the following statement is/are true?

- I. R lives on floor numbered as 4
- II. Only three people live above R
- III. V live below Q
- A. Only I
- B. Only II
- C. Only III
- D. Both I and III
- E. Both II and III

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

Eight People i.e., P, Q, R, S, T, U, V and W live in an eight-floor building. The lowermost floor is numbered as 1, the floor above it numbered as 2 so on till the topmost floor which is numbered as 8 . All the information is not necessarily in the same order.

Three people live above R. Two people live between R and P. S lives just below P. Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

46. W lives on floor numbered as ____.

- A. 4
- B. 6
- C. 7
- D. 2
- E. None of these

Direction: In the following each question, some statements and some conclusions are given. Considering all the statements to be true, decide the conclusions which logically follow. Study the data carefully and answer the questions accordingly.

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47. Statement:

Some Hot is God
All Hot is Ink
No Ink is Cross

Conclusion:

- I. Some God is not Cross
- II. All Hot being Cross is a possibility
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follow

48. Statement:

All Mike is Van
Some Van is Sound
All Sound is Charge

Conclusion:

- I. No Mike is Sound
- II. All Charge is Van
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follow

Direction: In the following each question, some statements and some conclusions are given. Considering all the statements to be true, decide the conclusions which logically follow. Study the data carefully and answer the questions accordingly.

49. Statement:

All Digit is Sun
No Digit is Camera
Only a few Camera is Lion

Conclusion:

- I. All Sun Being Camera is a possibility
- II. Some Camera is not Lion
- A. Only I follows
- B. Only II follows
- C. Either I or II follows

- D. Both I and II follow
- E. Neither I nor II follow

50. Statement:

All Bounce is Mat
Only a few Mat is Pack
Some Pack is Trunk

Conclusion:

- I. No Bounce is Trunk
- II. All Mat is Trunk
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Both I and II follow
- E. Neither I nor II follow

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

Ajay starts walking in the east direction and after a distance of 20m, he reaches point A. Now, he turns right and covers a distance of 14m to reach point B. Then, he turns left and covers a distance of 20m to reach point C. Then, he turns left and covers a distance of 24m to reach point D.

51. What is the direction of point A with respect to Point D?
- A. North
 - B. Northeast
 - C. South
 - D. West
 - E. None of these

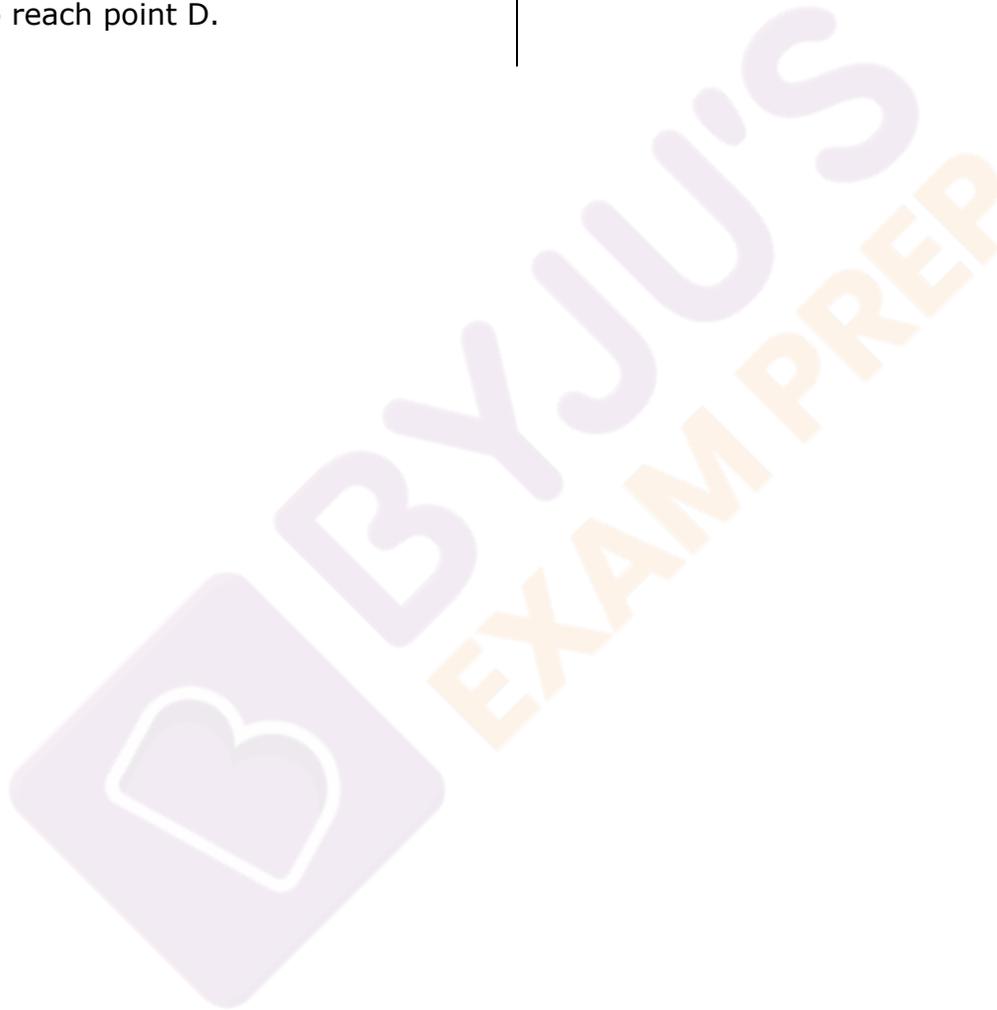
52. If point E is 10m to the north of point D then what is the distance between Point A and Point E?
- A. 20
 - B. 12
 - C. 14
 - D. 22
 - E. None of these

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

Ajay starts walking in the east direction and after a distance of 20m, he reaches point A. Now, he turns right and covers a distance of 14m to reach point B. Then, he turns left and covers a distance of 20m to reach point C. Then, he turns left and covers a distance of 24m to reach point D.

53. What is direction of Point D with respect to Ajay's starting point?

- A. South
- B. Southwest
- C. North
- D. Northeast
- E. West



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ANSWERS

1. Ans. A.

$$18^2 - 517 \div 11 - \sqrt{361} = ?$$

$$\Rightarrow 324 - \frac{517}{11} - \sqrt{361} = ?$$

$$\Rightarrow 324 - 47 - 19 = ?$$

$$\Rightarrow 324 - 66 = ?$$

$$\Rightarrow ? = 258$$

2. Ans. A.

$$150\% \text{ of } 84 + ?\% \text{ of } 130 = 230$$

$$\Rightarrow 84 \times \frac{150}{100} + \frac{?}{100} \times 130 = 230$$

$$\Rightarrow 126 + \frac{?}{10} \times 13 = 230$$

$$\Rightarrow \frac{?}{10} \times 13 = 230 - 126 = 104$$

$$\Rightarrow ? = \frac{10}{13} \times 104 = 80$$

3. Ans. B.

$$\sqrt{573 - 819 + 775} = ? \div 3$$

$$\Rightarrow \sqrt{529} = ? \div 3$$

$$\Rightarrow ? = 23 \times 3$$

$$\Rightarrow ? = 69$$

4. Ans. D.

$$\frac{360 - ?}{25\% \text{ of } 96} = 13$$

$$\Rightarrow \frac{360 - ?}{24} = 13$$

$$\Rightarrow 360 - ? = 13 \times 24$$

$$\Rightarrow 360 - ? = 312$$

$$\Rightarrow ? = 360 - 312 = 48$$

5. Ans. C.

$$? = 7\frac{1}{5} - 3\frac{1}{4} + 8\frac{3}{4}$$

$$= \frac{36}{5} - \frac{13}{4} + \frac{35}{4}$$

$$= \frac{36}{5} + \frac{22}{4}$$

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$$\begin{aligned} &= \frac{144 + 110}{20} = \frac{254}{20} \\ &= \frac{127}{10} = 12\frac{7}{10} \end{aligned}$$

6. Ans. A.

Let the salary of the person be Rs. $100x$.

Amount left after spending on house rent and groceries

$$= 100x - (10 + 20)\% \text{ of } 100x$$

$$= 100x - (10x + 20x) = 70x$$

$$\text{Expense on transport} = 10\% \text{ of } 70x = 7x$$

$$\text{Amount left after spending on transport} = 70x - 7x = 63x$$

$$63x = 28350$$

$$\Rightarrow x = 450$$

$$\text{Monthly salary of person} = 100 \times 45 = \text{Rs. } 45000$$

7. Ans. D.

Let the length of rectangle be L cm.

$$\text{Then, } L(L - 1) = 210$$

$$\Rightarrow L^2 - L - 210 = 0$$

$$\Rightarrow L^2 - 15L + 14L - 210 = 0$$

$$\Rightarrow L(L - 15) + 14(L - 15) = 0$$

$$\Rightarrow (L - 15)(L + 14) = 0$$

$$\Rightarrow L = 15$$

$$\text{Side of square} = 15 - 3 = 12 \text{ cm}$$

$$\text{Area of square} = 12^2 = 144 \text{ cm}^2$$

8. Ans. C.

Let the age of A and B, 3 years hence be $10x$ and $7x$ respectively.

$$\text{Then, } 10x + 7x - 3 \times 2 = 45$$

$$\Rightarrow 17x = 45 + 6 = 51$$

$$\Rightarrow x = 3$$

$$\text{Present age of A} = 10x - 3 = 10 \times 3 - 3 = 27 \text{ years}$$

9. Ans. B.

Let the speed of boat and stream be x km/h and y km/h respectively.

$$x + y = \frac{93}{3}$$

$$\Rightarrow x + y = 31 \dots (1)$$

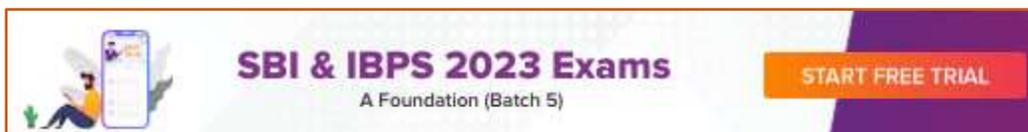
$$x - y = \frac{68}{4}$$

$$\Rightarrow x - y = 17 \dots (2)$$

Subtracting (2) from (1), we get:

$$2y = 14$$

$$\Rightarrow y = 7$$



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10. Ans. D.

Let the total work be 60 units.

$$\text{Efficiency of (A + B)} = \frac{60}{20} = 3 \text{ units/day}$$

$$\text{Efficiency of (B + C)} = \frac{60}{15} = 4 \text{ units/day}$$

$$\text{Efficiency of A} = \frac{60}{30} = 2 \text{ units/day}$$

$$\text{Efficiency of B} = 3 - 2 = 1 \text{ unit}$$

$$\text{Efficiency of C} = 4 - 1 = 3 \text{ units/day}$$

$$\text{Required time} = \frac{60}{3} = 20 \text{ days}$$

11. Ans. B.

Let the sum invested be Rs. X.

$$\text{Then, } X + (12 \times 3)\% \text{ of } X = 816$$

$$\Rightarrow X + 36\% \text{ of } X = 816$$

$$\Rightarrow X = \frac{816}{1.36} = 600$$

$$\text{Required interest} = (8 \times 2)\% \text{ of } 600 \\ = 16\% \text{ of } 600 = \text{Rs. } 96$$

12. Ans. E.

$$\text{Required ratio} = 72 : 60 = 6 : 5$$

13. Ans. C.

$$\text{Required percentage} = \frac{64 - 50}{50} \times 100 = 28\%$$

14. Ans. A.

$$\text{Required ratio} = (50 \times 80) : (60 \times 25) = 8 : 3$$

15. Ans. C.

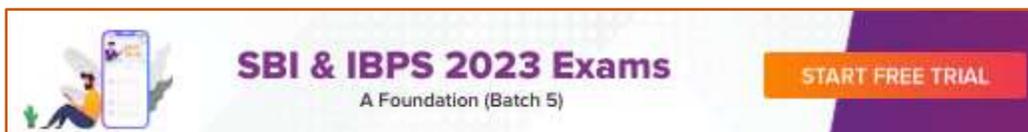
$$\text{Required average} = \frac{64 + 50 + 72}{3} = \frac{186}{3} = 62$$

16. Ans. A.

$$\text{Average number of watches sold by B and C} = \frac{84 + 48}{2} = 66$$

$$\text{Number of wallets sold by D} = 66 + 16\frac{2}{3}\% \text{ of } 66$$

$$= 66 + \frac{1}{6} \times 66 = 66 + 11 = 77$$



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17. Ans. D.

The pattern of the series is:

$$14 \times 1 + 1 = 15$$

$$15 \times 2 + 2 = 32$$

$$32 \times 3 + 3 = 99$$

$$99 \times 4 + 4 = 400$$

$$400 \times 5 + 5 = 2005$$

Hence, the missing number is 2005.

18. Ans. B.

The pattern of the series is:

$$7^2 = 49$$

$$11^2 = 121$$

$$13^2 = 169$$

$$17^2 = 289$$

$$19^2 = 361$$

$$23^2 = 529$$

Note: 7, 11, 13, 17, 19 and 23 are consecutive prime numbers.

Hence, the missing number is 529.

19. Ans. A.

The error is in the first part of the sentence. Note that the sentence must be in present tense, hinted by the use of verbs in the first form in the latter parts of the sentence. Accordingly, in the first part also, the auxiliary verb must be in present tense. Thus, we need to replace 'was' with 'is'.

20. Ans. B.

The error lies in the second part of the sentence. After the preposition 'in' we need a gerund to show the state or the act for which he showed the strength - ie., 'in refusing to change'.

21. Ans. B.

The error is in the second part of the sentence. Note that the phrase 'one of' always takes a plural noun. So, in place of 'singer' it would be 'singers'.

22. Ans. D.

The correct spelling is 'humiliated' and not 'humaliated'.

23. Ans. B.

Instead of 'grown' the sentence would take 'raised' in the given context.

24. Ans. D.

The correct spelling is 'melted' and not 'milted'.



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25. Ans. A.

The correct spelling is 'difficulties' and not 'dificulties'.

26. Ans. B.

The correct spelling is 'guard' not 'gaurd'

27. Ans. C.

The correct sentence is "A recruiter went to the school and encouraged students to join the military instead of going straight to work after graduation."

28. Ans. B.

The correct sentence is "Although the defeated boxer wanted a rematch after being beaten, the now reigning champ refused to face him in the ring again."

29. Ans. E.

The correct sentence is: "The police hoped that the witness would help them figure out the suspect's identity, but the closed-lipped woman wasn't cooperative."

30. Ans. A.

Only I is correct.

Note the errors in the rest:

II: Stairs in place of stares

III: Steer in place of Stare.

31. Ans. C.

The correct answer is C.

32. Ans. D.

The correct answer is option D.

33. Ans. B.

The correct answer is option B.

34. Ans. C.

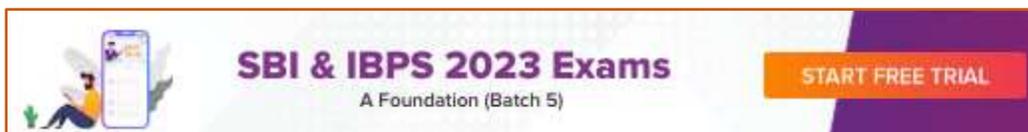
The correct answer is option C.

35. Ans. D.

The correct answer is option D.

36. Ans. B.

The correct answer is option B.



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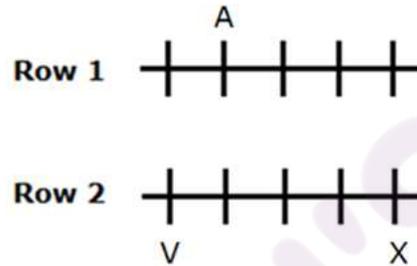
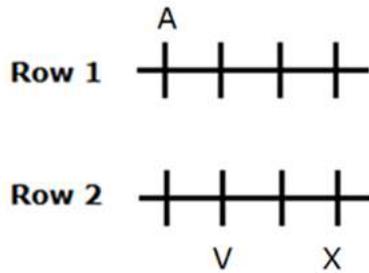
37. Ans. D.

A sits third to the right of the one who faces X.

V sits opposite to the one who sits adjacent to A.

Case 1

Case 2

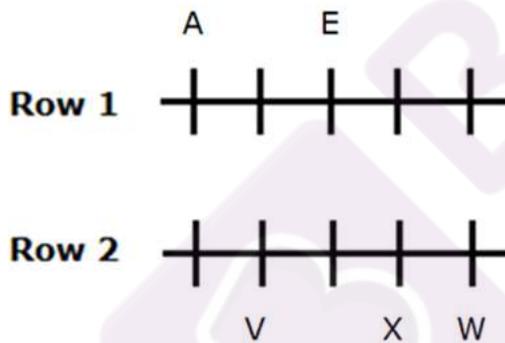


Two people sit between V and W.

E sits two places away from the one who faces W.

Here, case 2 eliminated

Case 1

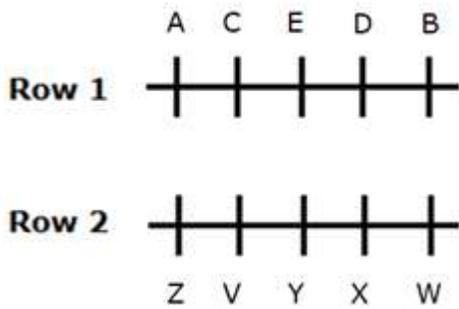


One person sits between B and E who does not face Z.

C does not sit adjacent to B.

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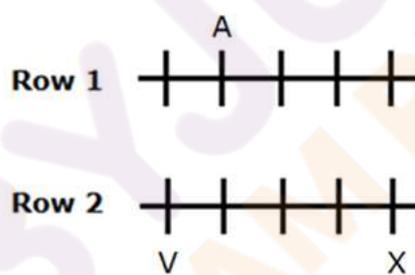
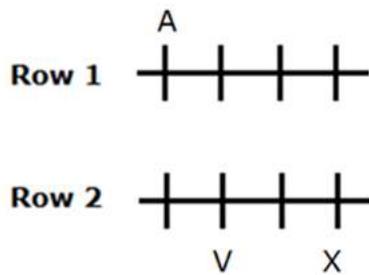
38. Ans. B.

A sits third to the right of the one who faces X.

V sits opposite to the one who sits adjacent to A.

Case 1

Case 2

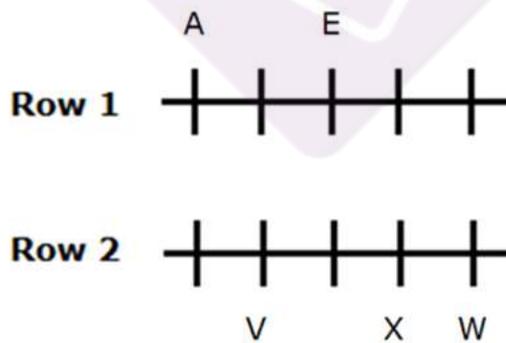


Two people sit between V and W.

E sits two places away from the one who faces W.

Here, case 2 eliminated

Case 1



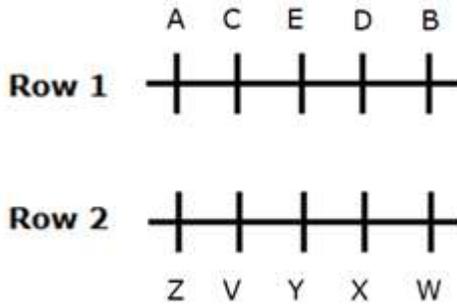


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One person sits between B and E who does not face Z.
C does not sit adjacent to B.

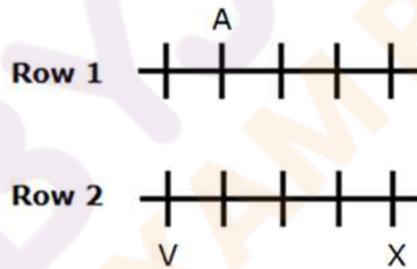
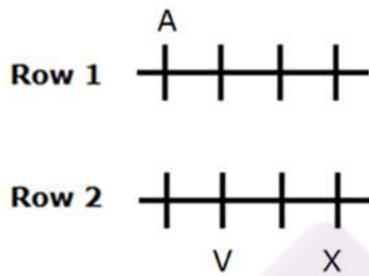


39. Ans. B.

A sits third to the right of the one who faces X.
V sits opposite to the one who sits adjacent to A.

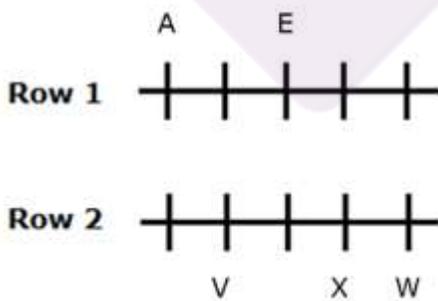
Case 1

Case 2



Two people sit between V and W.
E sits two places away from the one who faces W.
Here, case 2 eliminated

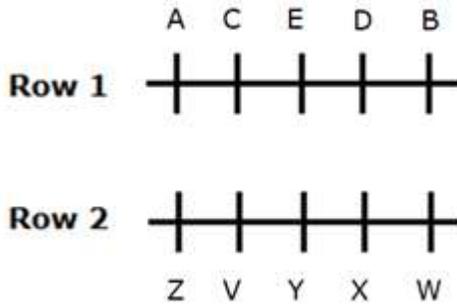
Case 1



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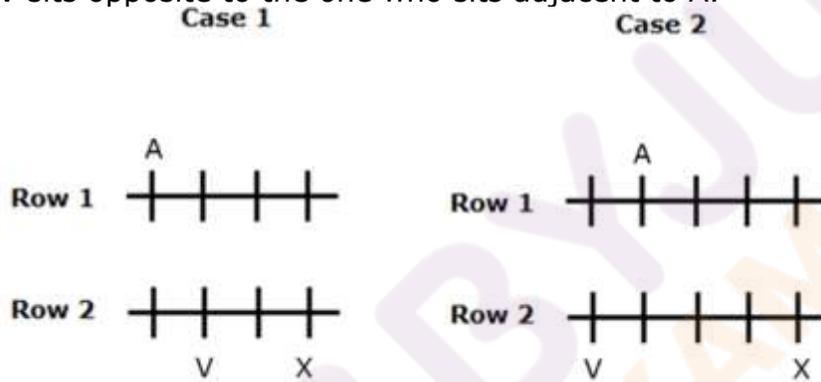
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One person sits between B and E who does not face Z.
C does not sit adjacent to B.

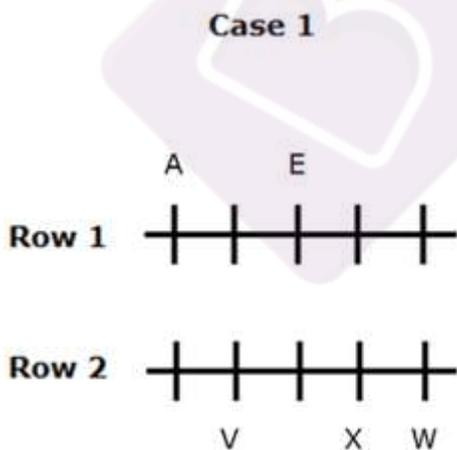


40. Ans. C.

A sits third to the right of the one who faces X.
V sits opposite to the one who sits adjacent to A.



Two people sit between V and W.
E sits two places away from the one who faces W.
Here, case 2 eliminated



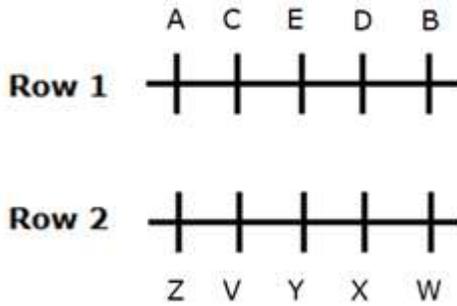
One person sits between B and E who does not face Z.

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C does not sit adjacent to B.

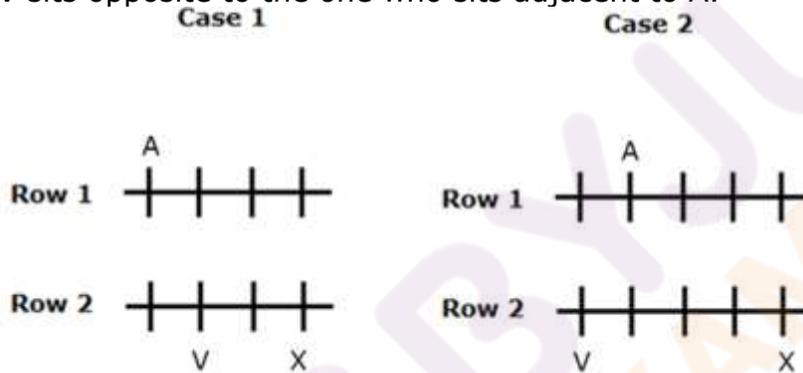


D does not sit at the end of the row.

41. Ans. B.

A sits third to the right of the one who faces X.

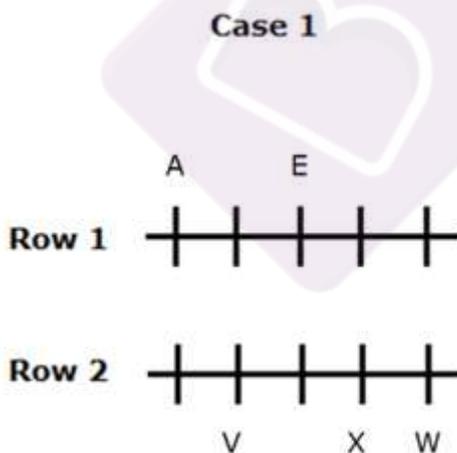
V sits opposite to the one who sits adjacent to A.



Two people sit between V and W.

E sits two places away from the one who faces W.

Here, case 2 eliminated



One person sits between B and E who does not face Z.

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43. Ans. B.

Three people live above R. Two people live between R and P. S lives just below P.

	Case 1	Case 2
Floor	People	People
8	P	
7	S	
6		
5	R	R
4		
3		
2		P
1		S

Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

Floor	People
8	Q
7	U
6	T
5	R
4	W
3	V
2	P
1	S

44. Ans. C.

Three people live above R. Two people live between R and P. S lives just below P.

	Case 1	Case 2
Floor	People	People
8	P	
7	S	
6		
5	R	R
4		
3		
2		P
1		S

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Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

Floor	People
8	Q
7	U
6	T
5	R
4	W
3	V
2	P
1	S

45. Ans. E.

Three people live above R. Two people live between R and P. S lives just below P.

	Case 1	Case 2
Floor	People	People
8	P	
7	S	
6		
5	R	R
4		
3		
2		P
1		S

Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

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Floor	People
8	Q
7	U
6	T
5	R
4	W
3	V
2	P
1	S

46. Ans. A.

Three people live above R. Two people live between R and P. S lives just below P.

	Case 1	Case 2
Floor	People	People
8	P	
7	S	
6		
5	R	R
4		
3		
2		P
1		S

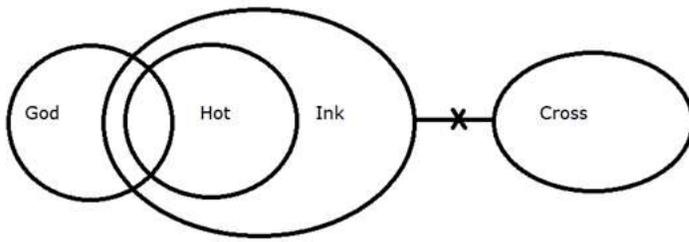
Four people live between S and T. U lives above T on an odd numbered floor. Two people live between T and V. Q lives above W.

Floor	People
8	Q
7	U
6	T
5	R
4	W
3	V
2	P
1	S

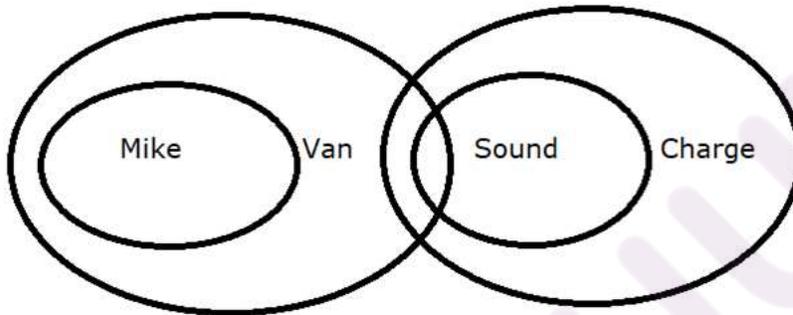
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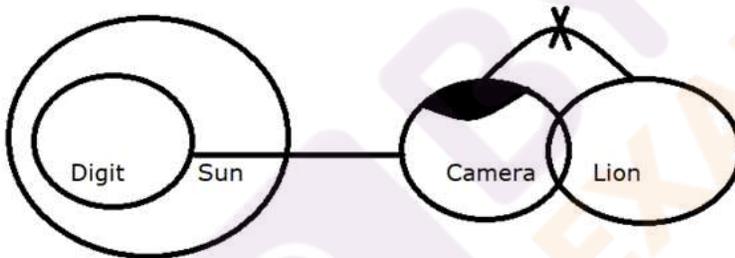
47. Ans. A.



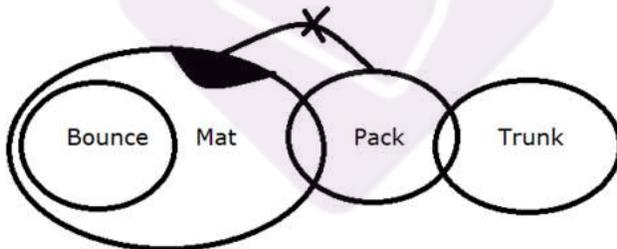
48. Ans. E.



49. Ans. B.



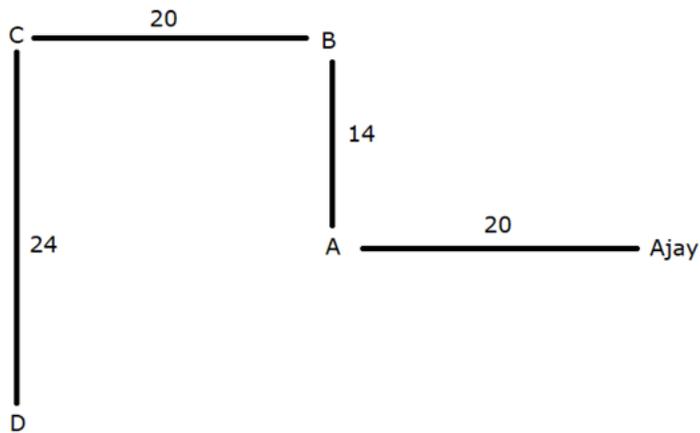
50. Ans. E.



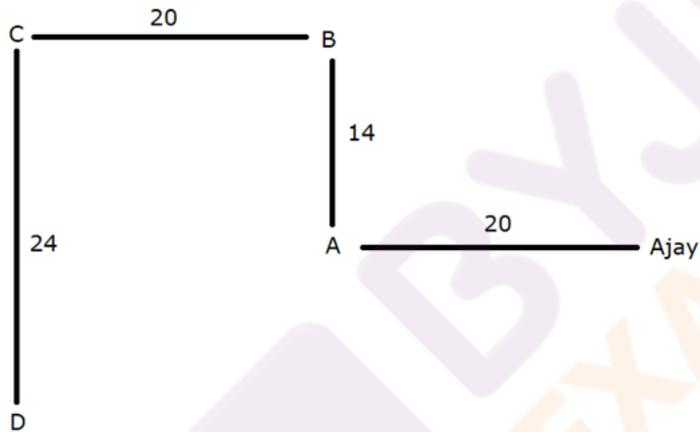
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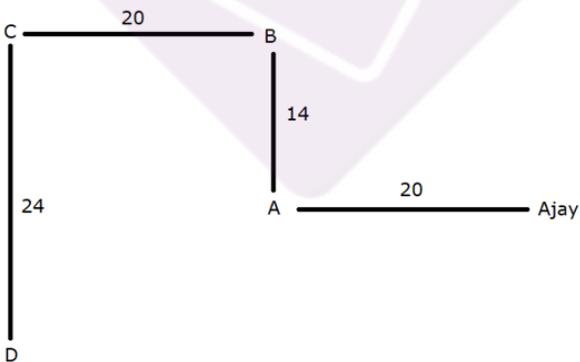
51. Ans. B.



52. Ans. A.



53. Ans. B.



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