

(Test Paper) Model Placement Paper For Practice With Answers

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1). Which of the following is true?

- A. $99/101 < 97/99 < 95/97$
- B. $95/97 < 97/99 < 99/101$
- C. $\{95/97\}^2 > \{97/99\}^2 > \{99/101\}^2$
- D. $\{99/101\}^2 > \{97/99\}^2 > \{95/97\}^2$.

2). A farmer decided to build a fence along one straight side of this property. For this, he planned to place several fence-posts at 6m intervals, with posts fixed at both ends of the side. After he bought the posts and wire, he found that the number of posts he had bought was 5 less than required. However, he discovered that the number of posts he had bought would be just sufficient if he spaced them 8m apart. What is the length of the side of his property and how many posts did he buy?

- 1) 100m, 15 2) 100m, 16 3) 120m, 15 4) 120m, 16

3). Four horses are tied on the four corners of a square field of 14m length so that each horse can just touch the other two horses. They were able to graze in the area accessible to them for 11 days. For how many days is the ungrazed area sufficient for them?

- 1) 3 days 2) 4 days 3) 5 days 4) 2 days

4). The circumference of a circular ground is 88 metres. A strip of land, 3 metres wide, inside and along circumference of the ground is to be leveled. What is the budgeted expenditure if the levelling costs Rs 7 per square metre?

- 1) Rs 1,050 2) Rs 1,125 3) Rs 1,325 4) Rs 1,650

5). A survey on a sample of 25 new cars being sold at a

local

auto dealer was conducted to see which of the three popular options—air-conditioning, radio and power windows—were already installed.

The survey found: 15 had air-conditioning. 2 had air-conditioning and power windows but no radios. 12 had radio. 6 had air-conditioning and radio but no power windows. 11 had power windows. 4 had radio and power windows. 3 had all three options. What is the number of cars that had none of the options?

- 1) 4 2) 3 3) 1 4) 2

6). The average temperature for Monday, Tuesday and Wednesday was 40°C . The average for Tuesday, Wednesday and Thursday was 41°C . If the temperature on Tuesday was 42°C , what was the temperature on Monday?

- 1) 36°C 2) 37°C 3) 38°C 4) 39°C

7). Ram has Rs.6 more than Mohan and Rs.9 more than Sohan. All the three have Rs.33 in all. Ram has a share of

- 1) Rs. 10 2) Rs. 16 3) Rs. 7 4) Rs. 13

8). Anil sells two houses at the same prices. On one he makes a profit of 10%, and on the other he suffers a loss of 10%. Select the correct statement.

- 1) He suffers a loss of 1% 2) He makes a profit of 10% 3) He makes a profit of 2% 4) He makes no profit no loss

9). If a commission of 20% is given on the written price, the gain is 60%. What will be the percentage of gain if the commission is increased to 25%? 1) 50% 2) 37% 3) 62% 4) 80% 8 votes more than his opponent. If the elected candidate got 47% of the total votes, how many votes did each candidate

get?

1) 2316 and 2012 2) 2629 and 2324 3) 2871 and 2575 4)
2914
and 2606

10). The sum of two numbers is 40 and their difference is 4.
The ratio of the numbers is

A) 21:19 B) 22:9 C) 11:9 D) 11:18

Directions (Q.11-15): In each question below, there are three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

11). Statements:

- a . Some sheets are beds.
- b. No sheet is a foil.
- c. All beds are marbles.

Conclusions:

- I. No foil is a marble.
- II. Some sheets are marbles.
- III. Some beds are foils.
- IV. Some beds are not foils.

1) Only I follows 2) Only II follows 3) Either III or IV follows 4) Only I and either III or IV follow 5) Only II and IV follow

12). Statements

:a. Some spoons are not honest.

b. Some spoons are dishonest.

c. No honest is a leader.

Conclusions:

I. Some spoons are leaders.

II. All dishonest are honest.

III. Some dishonest are spoons.

IV. No leader is dishonest.

1) Only IV follows 2) Only III and II follow 3) Only I follows 4) Only I and IV follow 5) None of these

13). Statements:

a. Some stones are not rods.

b. All rods are black.

c. No black is a packet.

Conclusions:

I. Some packets are rods.

II. Some blacks are stones.

III. Some packets are blacks.

IV. Some stones are rods.

1) Only I follows 2) Only II follows 3) Only I and IV follow 4) Only IV follow 5) None of these

14). Statements:

a. Some garbage's are money.

b. All papers are garbage's.

c. All money are coins.

Conclusions:

I. Some papers are coins.

II. Some garbage's are coins.

III. No money is a paper.

IV. All coins are garbage's.

1) Only I follows 2) Only I and III follow 3) Only III follows 4) Only II and III follow 5) Only II follows

15). Statements:

a. Some shoes are shirts.

b. No face is a shoe.

c. No shoe is a flower.

Conclusions:

I. No flower is a face.

II. No face is a flower.

III. Some shirts are not faces.

IV. Some shirts are shoes.

1) Only I and II follow 2) Only III and IV follow 3) Either I or II follows 4) Only IV follows 5) None of these

Directions (Q.16-20):

In the following questions, the symbols α , β , γ , δ and ϵ are used with the following meanings: $P \alpha Q$ means P is not smaller than Q. $P \beta Q$ means P is neither greater than nor smaller than Q. $P \gamma Q$ means P is not greater than Q. $P \delta Q$ means P is neither smaller than nor equal to Q. $P \epsilon Q$ means P is neither greater than nor equal to Q. Now in each of the following questions, assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely true. Give answer

1) if only conclusion I is true;

2) if only conclusion II is true;

3) if only conclusion II is true;

4) if neither I nor II is true;

5) if both I and II are true;

16). Statements: X d F, T a C, F ? C Conclusions:
I. X d T II. C a X

17). Statements: 2 d 8, 6 a 8, 5 ? 6
Conclusions: I. 5 a 8 II. 5 ß 2

18). Statements: S ? N, O a R, S ß R
Conclusions: I. N d O II. O a S

19). Statements: J ? Y, J a O, Y ß K
Conclusions: I. O ? K II. O ? K

20). Statements: D ß B, R ? L, L d D
Conclusions: I. R d D II. L d B

Directions (Q. 21-25):

Each of the sentences is divided into four parts (1), (2), (3) and (4).
Choose the part that has an error.

21). 1) During the last centuries

2) whaling voyages departed regularly from the New England states

3) and because each voyage normally extends for years

4) the hold was packed with supplies before a whaling ship set sail.

22). 1) The Rotary Club applauded

2) Hari and I

3) for our work

4) helping the handicapped in town find secure jobs.

23). 1) Because they refuse to follow the conventional dress code

2) neither Shivani

3) nor her friends

4) is invited to the local society Function.

24). 1) The reason why 2) he was rejected 3) was 4) because he was too young.

25). 1) The moment they came to know 2) that their leader 3) was issued a charge sheet

4) the entire group of workers went on a strike.

ANSWERS : 1. (4) 2. (4) 3. (1) 4. (4) 5. (2) 6.

(4) 7. (2) 8. (1) 9. (1) 10. (C) 11. (5) 12. (5) 13. (5) 14. (5) 15. (2) 16. (4)

17. (4) 18. (2) 19. (2) 20. (2) 21. (1) 22. (2) 23. (4) 24. (4) 25. (3)