

**LOGICAL  
REASONING  
MODEL QUESTION  
PAPER – II**

**TOTAL QUESTIONS- 30**

**FULL MARKS- 30**

1. At 3.40, the hour hand and the minute hand of a clock form an angle of:

- A) 120 degrees                       B) 125 degrees  
 C) 130 degrees                       D) 135 degrees

2. (A) '134' means 'you are well';

(B) '758' means 'they go home';

(C) '839' means 'we are home';

Which of the statements can be dispensed with while answering the above question?

- A) A only                                       B) B only  
 C) A or C only                                 D) B or C only

3. A horse is facing north. It turns 90 degrees in the clockwise direction, then 180 degrees in the anti-clockwise and then another 90 degrees in the same direction. Which direction is the horse facing now?

- A) East     B) South  
 C) Southwest                                       D) Southeast

4. Arrange the following in a logical order :

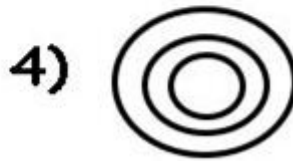
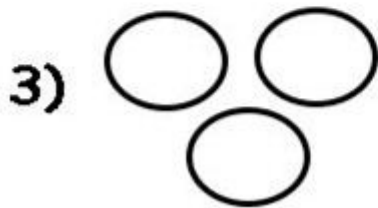
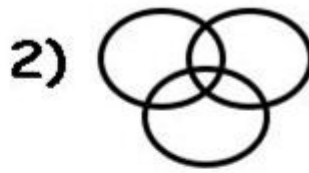
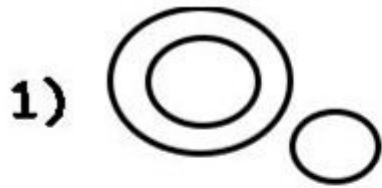
1. Shoulder    2. Wrist    3. Elbow    4. Palm    5. Finger

- A) 2, 4, 5, 3, 1                                 B) 3, 1, 4, 2, 5  
 C) 3, 4, 5, 2, 1                                 D) 5, 4, 2, 3, 1

5. If train is called bus, bus is called tractor, tractor is called car, car is called scooter, scooter is called bicycle, bicycle is called moped, which is used to plough a field ?

- A) Train     B) Bus  
 C) Tractor     D) Car

6. Select from four alternative diagrams, the one that best illustrates the relationship among the three classes : *Pigeons, Birds, Dogs*



A) 1

B) 2

C) 3

D) 4

7. Arrange the words given below in a meaningful sequence.

1.Presentation 2.Recommendation 3. Arriva 4.Discussion 5.Introduction

A) 5, 3, 4, 1, 2

B) 3, 5, 4, 2, 1

C) 3, 5, 1, 4, 2

D) 5, 3, 1, 2, 4

8. Look at this series: F2, \_\_, D8, C16, B32, ... What number should fill the blank?

A) A16

B) G4

C) E4

D) E3

9. Look at this series: 8, 43, 11, 41, \_\_, 39, 17, ... What number should fill in the blank?

A) 8

B) 14

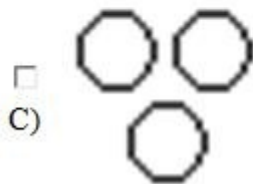
C) 43

D) 44

10.  $P_5QR$ ,  $P_4QS$ ,  $P_3QT$ , \_\_\_\_\_,  $P_1QV$

- A)  $PQW$ 
 B)  $PQV_2$   
 C)  $P_2QU$ 
 D)  $PQ_3U$

11. Which of the following diagrams indicates the best relation between Women, Mothers and Engineers ?



12. The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:

- A) 0
  B) 10  
 C) 30
  D) 60

13. What was the day of the week on 28th May, 2006?

- A) Thursday
  B) Friday  
 C) Saturday
  D) Sunday

14. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of F, whose husband has died. How is E related to C ?

- A) Sister
  B) Daughter  
 C) Cousin
  D) Mother

15. Find the odd man out.

6, 9, 15, 21, 24, 28, 30

- A) 28                       B) 21  
 C) 24                       D) 30

16. Find out the wrong number in the series.

7, 8, 18, 57, 228, 1165, 6996

- A) 8                               B) 18  
 C) 57                             D) 228

17. 331, 482, 551, 263, 383, 362, 284

- A) 263                           B) 383  
 C) 331                           D) 551

18. QAR, RAS, SAT, TAU, \_\_\_\_\_

- A) UAV                               B) UAT  
 C) TAS                               D) TAT

19. All snakes are trees. Some trees are roads. All roads are mountains.

**Conclusions:**

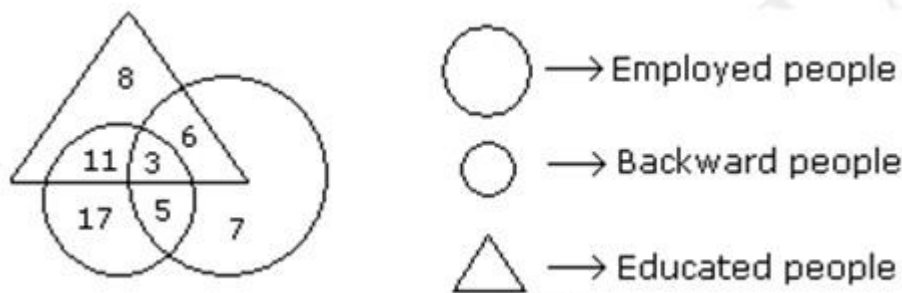
1. Some mountains are snakes
2. Some roads are snakes
3. Some mountains are trees

- A) Only 1 follows
- B) Only 2 follows
- C) Only 3 follows
- D) Both 1 and 2 follow

20. At what angle the hands of a clock are inclined at 15 minutes past 5?

- A) 57.5 degrees
- B) 67.5 degrees
- C) 77.5 degrees
- D) 87.5 degrees

21. Study the following figure and answer the questions given below.



How many educated people are employed ?

- A) 9
- B) 18
- C) 20
- D) 15

22. If he is intelligent, he will pass the examination

Assumptions:

1. To Pass, he must be intelligent
2. He will pass the examination

- A) Only 1 is true
- B) Only 2 is true

- C) Either 1 or 2 is true       D) Neither 1 nor 2 is true

23. I. All the offices on the 9th floor have wall-to-wall carpeting.

II. No wall-to-wall carpeting is pink.

III. None of the offices on the 9th floor has pink wall-to-wall carpeting.

If the first two statements are true, the third statement is

- A) true       B) false  
 C) uncertain       D) none

24. Insert the missing number.

2, 6, 12, 20, 30, 42, 56, (....)

- A) 61       B) 64  
 C) 72       D) 70

25. Find out the wrong number in the given sequence of numbers.

5, 16, 6, 16, 7, 16, 9

- A) 9       B) 7  
 C) 6       D) None of these

26. Find the odd man out.

253, 136, 352, 324, 631, 244

- A) 324       B) 136  
 C) 352       D) 631

27. JAK, KBL, LCM, MDN, \_\_\_\_\_

- A) OEP       B) NEO

C) MEN D) PFQ

28. Pointing to a photograph Anjali said, "He is the son of the only son of my grandfather." How is the man in the photograph related to Anjali?

 A) Brother B) Uncle C) Son D) Data is inadequate

29. In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

- (A) If only (1) conclusion follows
- (B) If only (2) conclusion follows
- (C) If either (1) or (2) follows
- (D) If neither (1) nor (2) follows and
- (E) If both (1) and (2) follow.

1 **Statements:** Some actors are singers. All the singers are dancers.

**Conclusions:**

1. Some actors are dancers.
2. No singer is actor.

- A) Only (1) conclusion follows
- B) Only (2) conclusion follows
- C) Either (1) or (2) follows
- D) Neither (1) nor (2) follows
- E) Both (1) and (2) follow

30. At what time between 2 and 3 o'clock will the hands of a clock be together?

 A)  $(9 + 10/11)$  min past 2 B)  $(10 + 10/11)$  min past 2 C)  $(11 + 10/11)$  min past 2 D)  $(12 + 10/11)$  min past 2



SOURAV SIR'S CLASSES