

---

# GAMBITOR

## MOCK-TEST PAPER

---

### Section 01: LOGICAL REASONING

Sixty-four players seeded from seed 1 to seed 64 participated in a knock-out tennis tournament. Seed 1 is the highest seed and seed 64 is the lowest seed. The tournament would be played in six rounds i.e., first round, second round, third round, quarterfinals, semi finals and final. In the first round, the player with the highest seed (i.e., 1) would play with the player with the lowest seed (i.e., 64) which is designated Match No.1.

Similarly, the player with the second highest seed (i.e., 2) would play with the player with the second lowest seed (i.e., 63), which is designated Match No.2 and so on. In the second round, the winner of the Match No.1 of the first round would play with the winner of the Match No.32 of the first round and this match is designated Match No.1 of the second round.

Similarly, the winner of the Match No.2 of the first round would play with the winner of the Match No.31 of the first round and this match is designated Match No.2 of the second round and so on. In the similar pattern the subsequent rounds will be played.

**Q1.** If the player seeded 43 won the tournament, then which of the following players cannot be the runner-up?

- A) Player seeded 44
- B) Player seeded 45
- C) Player seeded 46
- D) Player seeded 36

**Q2.** Who could be the lowest seeded player facing the player seeded 12 in the finals?

- A) 57
- B) 59
- C) 62
- D) 63

**Q3.** If one of the matches was between the players seeded 23 and 46, then one of the matches in the tournament can be between players seeded

- A) 9 and 13
- B) 6 and 18
- C) 5 and 51
- D) 17 and 15

**Q4.** If there are only five upsets (a lower seeded player beating a higher seeded player) in the tournament, then who could be the lowest seeded player winning the tournament?

- A) 16
- B) 17
- C) 63
- D) 32

**L, M, N, O, P, R and S are sitting around a circular table facing the centre but not necessarily in the same order.**

**They all are having discussion on an important topic.**

**N is an immediate neighbour of both L and R, who is an immediate neighbour of P. P sits second to the left of N. Only two persons sit between M and Q.**

**Q5.**What is the position of O with respect to S in the above arrangement?

- A) Third to the left
- B) Immediate left
- C) Second to the right
- D) Immediate right

**Q6.**Four of the following five are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

- A) MS
- B) QI
- C) NM
- D) RP

**Q7.**Who among the following sits second to the left of the one who is on the immediate right of O?

- A) Q
- B) M
- C) O
- D) None of these

**Q8.**Which of the following persons sits between M and Q?

- A) O
- B) L
- C) N
- D) S

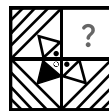
**Q9.**Who among the following sits third to the right of the one who sits opposite of N?

- A) L
- B) S
- C) R
- D) O


## Section 02: APTITUDE

**Directions (10 to 11) :** Select a figure from the alternatives which when placed in the blank space of (X) would complete the pattern.

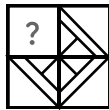
**Q10.**




(X)

- (A)  (B)  (C)  (D) 

**Q11.**



(X)

- (A)  (B)  (C)  (D) 

**Q12.** Karan introduces Kapil saying, “He is the husband of the grand-daughter of the father of my father and my father is the only son to his father.” .How is Karan related to Kapil?

- A) Son
- B) Nephew
- C) Brother-in-law
- D) Son-in-law

- Q13.** At what time, between 5:30 and 6:00, will the hands of the clock be at right angles?
- A)  $43\frac{7}{11}$  min past 5
  - B)  $44\frac{7}{11}$  min past 5
  - C)  $45\frac{7}{11}$  min past 5
  - D) None of these
- Q14.** What is the angle between the minute hand and the hour hand of a clock when the clock shows 3 hr 20 min?
- A) 20
  - B) 30
  - C) 40
  - D) 50
- 

### Section 03: MATHEMATICS

- Q15.** Determine the sum of all possible positive integers  $n$ , the product of whose digits equals  $n^2 - 15n - 27$ .
- Q16.** Let there be a triangle PQR being right angled at P and the length of the segments PQ and PR are equal. Let S and T be two points on the segment QR such that  $QS : ST : TR = 1 : 2 : \sqrt{3}$ . Then find the angle between segments SP and PT ?

## **ANSWER KEY**

- 1. C**
- 2. D**
- 3. A**
- 4. D**
- 5. C**
- 6. D**
- 7. D**
- 8. D**
- 9. C**
- 10. D**
- 11. A**
- 12. C**
- 13. A**
- 14. A**
- 15. 17**
- 16. 45**

### **NOTE:**

THE DIFFICULTY OF THE QUESTIONS MAY VARY  
ACCORDING TO THE LEVEL OF EXAM.