

TRINITi – Center for Learning

MOCK Vedanta PAPER – Downloadable – PDF Format

Section 1: Quantitative Ability and Logical Reasoning (35 questions in 40 minutes)

Directions for question 1 to 5: The table shows the ODI career record of 5 bowlers. On the basis of this, answer the questions.

Player	Span	Mat	Balls	Runs	Wkts	BBI	Ave	5	HW	% Wkts
CA Walsh (WI)	1985-2000	205	10822	6918	227	5/1	30.47	1	3	1.32
Wasim Akram (Pak)	1984-2003	356	18186	11812	502	5/15	23.52	6	3	0.59
IR Bishop (WI)	1988-1997	84	4332	3127	118	5/25	26.50	2	2	1.69
MA Holding (WI)	1976-1987	102	5473	3034	142	5/26	21.36	1	2	1.40
B Lee (Aus)	2000-2012	217	11033	8740	377	5/22	23.18	9	2	0.53

1. How many balls have they bowled in total?

- a) 48782 b) 49846 c) 51290 d) 32781

2. Who among them has the longest career span?

- a) Akram b) Walsh c) Lee d) Bishop

3. Who among them has the highest Wkts/Mat ratio?

- a) Akram b) Walsh c) Lee d) Bishop

4. What is the total number of matches played by three bowlers with lowest Ave (Average)?

- a) 575 b) 984 c) 678 d) 442

5. What percentage of wickets has been taken in HW (Hit Wicket) in total?

- a) 0.76 b) 0.88 c) 1.12 d) 1.24

6. In Cricket World cup 1992, 9 teams participated. If each team played against each other twice, how many matches were being played?

- a) 18 b) 36 c) 72 d) 144

7. The sum of 5 numbers in AP is 75. What is the middle number?

- a) 15 b) 25 c) 30 d) 37.5

TRINITi – Center for Learning

8. 24 times a number is same as one-seventh of _____ times the number.

- a) 144 b) 72 c) 168 d) 216

9. If the length of a rectangle is increased by 20% and breadth is decreased by 20%, then what will be percentage decrease in area?

- a) 4 b) 7 c) 8 d) 16

10. The efficiency of 5 boys, 7 girls and 3 men is same. In how many days 6 men will finish a work that 25 boys and 21 girls take 10 days to finish?

- a) 40 days b) 21 days c) 35 days d) 42 days

11. A committee is to be formed of 6 boys from a class of 60. There are 44 girls in the class. The house captain has to be included in the team and anyone from a group of 9 notorious students cannot be taken. In how many ways the committee can be formed?

- a) 3 b) 6 c) 12 d) 24

12. The ratio of money with A and B is 24:9. What fraction of money A should give to B so that they have money in ratio 6:5?

- a) one-third b) one-fourth
c) half d) three-fourth

13. At what quarterly rate of interest would a sum of Rs. 5000 increases by 25% in 5 years?

- a) 2.5 b) 1.25 c) 0.625 d) 5

14. Two trains are running in same direction on parallel tracks. But, due to availability of a single track, one of them has to overtake other. If the faster train is running 5 km/hr faster than the slower one, and each of them is half a kilometer long, how long will it take to overtake?

- a) 2 min b) 5 min c) 10 min d) 12 min

TRINITi – Center for Learning

15. After giving a discount of 20%, a shopkeeper decides to give an additional discount of 12% and earns 5% profit. What percentage of marked price is cost price?

- a) 62 b) 67 c) 78 d) 81

16. Find the wrong number in the series: 28,65,126,217,341,513

- a) 65 b) 126 c) 217 d) 341

17. A and B both face towards North and South. A takes 5 left turns and B takes 76 right turns? What is the angle (in degrees) between the directions they are facing?

- a) 0 b) 90 c) 180 d) none of these

18. Two boys with same efficiency finish a task in 10 days. In how many days they will finish the task if efficiency of one of them is thrice of other?

- a) 5 b) 4 c) 6 d) cannot be determined

19. Three dice are thrown together, what is the probability that the numbers on dice form a perfect square?

- a) $1/6$ b) $1/8$ c) $1/12$ d) $1/3$

20. Using data of question 19, how many different square numbers can be formed?

- a) 2 b) 4 c) 6 d) 8

21. Using data of question 19, what is the probability that the numbers on dice form a perfect cube?

- a) $1/24$ b) $5/72$ c) $21/216$ d) $1/72$

22. What is the remainder left $12334 \times 13764 \times 99824$ is divided by 13?

- a) 3 b) 7 c) 9 d) 12

23. Complete the series

6,120, 504, 1320, _____

TRINITi – Center for Learning

- a) 2012 b) 1962 c) 2145 d) 2730

24. If 12345 is coded as 18745, how will 42517 be coded as?

- a) 48511 b) 48517 c) 48513 d) none of these

25. There is a square and a rectangle. The shorter side of rectangle is 20% shorter than side of square and longer side of rectangle is 20% longer than side of square. What is the ratio of areas of square rectangle and square?

- a) 1:1 b) 24:25 c) 21:22 d) 3:4

26. A cyclist travels 5 times faster than a pedestrian. If both of them start at the same time for same destination, the cyclist reaches destination after 6 minutes. How much more time will pedestrian take to reach the destination?

- a) 30 min b) 28 min c) 26 min d) 24 min

27. In a stock clearance sale, a shopkeeper sells jeans at 20% discount, but still earns 30% profit. By mistake, he gave customer two jeans at the price of one. Find his loss percentage in this transaction.

- a) 100% b) 50% c) 35% d) 33.33%

28. The capacity of two cylindrical boxes is in ratio 1:2. If their radii are in ratio 2:1, what is the ratio of their heights?

- a) 1:8 b) 2:1 c) 1:2 d) 8:1

29. The HCF and LCM of two numbers are 23 and 1449. If the difference between them is 46, what is the larger number?

- a) 161 b) 207 c) 313 d) 253

30. The production of a factory is increasing by 12% every year. In how many years will it become at least 4 times from now?

- a) 6 years b) 7 years c) 8 years d) 9 years

31. Which of these is a multiple of more than 5 positive integers?

- a) 23 b) 48 c) 16 d) both b and c

32. In how many ways 2 male teachers and 3 female teachers can be chosen from a group of 10 male teachers and 10 female teachers, if a particular male teacher and a particular female teacher cannot be in the team together?

- a) 5120 b) 5076 c) 5400 d) none of these

33. In what ratio two qualities of wheat at rates Rs. 10/kg and Rs. 12/kg should be mixed so that the price of resultant mixture is Rs. 11.6/kg?

- a) 1:1 b) 5:1 c) 4:1 d) 4:5

The questions 34-35 are based on the following pattern.

The problems below contain a question and two statements giving certain data. You have to decide whether the data given in the statements are sufficient for answering the questions.

The correct answer is:

- (a) If statement (I) alone is sufficient but statement (II) alone is not sufficient.
- (b) If statement (II) alone is sufficient but statement (I) alone is not sufficient.
- (c) If both statements together are sufficient but neither of statements alone is sufficient.
- (d) If both together are not sufficient.

34. What is this unique number?

- (I) It is a multiple of all numbers from 1 to 10
- (II) It is 20 more than a square and 81 less than another square

35. What is the area of this sector?

- (I) The angle formed by it at the centre of circle is 20 degrees
- (II) The radius of the circle is 5 cm

TRINITi