

Wipro mock-3

Q1. 9 labourers can complete the construction of a wall in 18 days. How many less days will 12 labourers take to complete the same wall?

- (a) 6.5 (b) 13.5 (c) 4.5 (d) 5.5

Q2. A person was fined for exceeding the speed limit by 10 km/hr. Another person was also fined for exceeding the same speed limit by twice the same. If the second person was traveling at a speed of 35km/hr, find the speed limit.

- (a) 15 (b) 16 (c) 17 (d) 18

Q3. The difference between the compound and simple interest on a certain sum for 2 years at the rate of 8% per annum is Rs.80, What is the sum?

- (a) 12500 (b) 11800 (c) 14000 (d) 12300

Q4. The ratio between two numbers is 5:7 and their product is 560. What is the difference between these two numbers?

- (a) 4 (b) 6 (c) 8 (d) 12

Q5. The mean and the variance of a binomial distribution are 4 and 2 respectively. Then the probability of 2 successes is

- (a) 28/256 (b) 28/266 (c) 18/156 (d) 20/256

Q6. After spending $\frac{2}{3}$ of his salary on rent and food items and $\frac{1}{4}$ th of the remaining on transportation, Rajesh has 6000 with him. How much did he pay on transportation?

- (a) 5000 (b) 2000 (c) 3000 (d) 4000

Q7. Salary of a person is 's' per month, 'x'% of salary is given as bonus, if 3 months salary is s_1, s_2 & s_3 then what is his salary

- (a) $s_1 * x / 100$ (b) $s_1 / 100 * x$ (c) $s_1 * x / 1000$ (d) $s_1 * x$

Q8. In base 10 representation for a rupee 100 paise, then base 8 representation what is rupee value

- (a) 142 (b) 143 (c) 144 (d) 145

Q9. A sum 's' is divided into 4 parts. Second person gets Rs 10 more than first. 3rd person is Rs 10 more than second, 4th is 10 more than 3rd. How much amount do 1st person get.

(a) $(s-60)/2$ (b) $(s-60)/4$ (c) $(s-40)/6$ (d) $(s-40)/2$

Q10. Fridge cost R Rs, cover value is 5, discount d% then its new cost

(a) $R/100 - 5(1-d/100)$ (b) $R - R*d/100 - 5(1-d/100)$ (c) $R - R*d/100 - 5$ (d) $R - R*d/100 - 10$

Q11. The average of five numbers is 50. If the average of first three is 40 and that of last three is 60, the third number is :

(a) 40 (b) 60 (c) 50 (d) 30

Q12. At an election a candidate who gets 84% of the votes is elected by a majority of 544 votes. What is the total number of votes polled?

(a) 900 (b) 650 (c) 800 (d) 700

Q13. By selling 300 oranges a seller gains the selling price of 60 oranges. The gain percent of the seller is:

(a) 25 (b) 28 (c) 30 (d) 20

Q14. The average of the first five prime numbers greater than 20 is:

(a) 32 (b) 32.20 (c) 31 (d) 31.20

Q15. A class having 30 students in a class have an average of marks 28 . If every student is given 2 grace marks, the new average of the class is:

(a) 30 (b) 33 (c) 31 (d) 32

Q16. It rained as much as on Wednesday as on all the other days of the week combined. If the average rainfall for the whole week was 3 cms, How much did it rain on Wednesday?

(a) 11 (b) 10.5 (c) 11.5 (d) 10

Q17. If I reduce radius of a circle by 10% then its area shall get reduced by:

(a) 10% (b) 13% (c) 18% (d) 19%

Q18. The ratio of the present ages of John and Jamaica is 4:5. Six years hence the ratio of their ages will be 14:17. What are their present ages?

(a) 32, 40 (b) 40, 50 (c) 36, 45 (d) 28, 35

Q19. Neha is able to type 10 pages in 5 minutes. Garima can type 5 pages in 10 minutes. How many pages can they type together in 30 minutes?

- (a) 75 (b) 70 (c) 65 (d) 60

Q20. A train leaves Mumbai at 7.15 Am and arrives in Delhi at 2.47 that afternoon. What total length of time does the trip take?

- (a) 7Hr, 32 min (b) 8Hr, 20 min (c) 8 Hr, 2 min (d) 7Hr, 20 min

Q21. An emergency vehicle travels 10 miles at a speed of 50 miles per hour. How fast must the vehicle travel on return trip if the round trip travel time is to be 20 minutes?

- (a) 75 (b) 80 (c) 65 (d) 70

Q22. Neha and Sandy can do a piece of work in 24 day; Sandy and Tina in 30 days; Tina and Neha in 40 days. If all work together they will complete work in ____ days

- (a) 35 (b) 30 (c) 20 (d) 25

Q23. Sum of n terms of two series in A.P. are in the ratio $(5n + 4) : (9n + 6)$, Find the ratio of their 13th terms.

- (a) 127/231 (b) 111/331 (c) 129/231 (d) None of these

Q24. Monica' salary was reduced by 20%. Percentage increase to be effected to bring salary to original level

- (a) 35 (b) 30 (c) 25 (d) 33

Q25. What was the day of the week on January 2, 1876:

- (a) Tuesday (b) Monday (c) Wednesday (d) Sunday

Q26. If we increase the radius of a sphere by 40%. What would be the effective increase in surface area?

- (a) 44% (b) 96% (c) 196% (d) 100%

Q27. If we increase the price of a laptop by 30%, their sale will decreases by 20%. What would be the effect on the revenue receipts of the shop?

- (a) 8% (b) 2% (c) 4% (d) 10%

Q28. In an examination, 45% of total students failed in Hindi, 35% failed in English and 30% in both. The percentage of these who passed in both the subjects is:

- (a) 70 (b) 60 (c) 80 (d) 50

Q29. What is the angle between the hour and minute hand when it is 4:20?

- (a) 10 (b) 20 (c) 40 (d) 30

Q30. Kajol and Rani can build a wall in 10 days; Rani & Preity can take 14 days to build the same wall; and Kajol and Preity can do it in 8 days. Who will take more time if they work alone?

- (a) Rani (b) Kajol (c) Data Insufficient (d) Preeti

Q31. Two Equal Amounts of Money are lent out at 6% and 5 % simple Interest respectively at the same time. The former is recovered two years earlier than the latter and the amount so recovered in each case is Rs.2800. Determine the amount that is lent out?

- (a) 1750 (b) 1950 (c) 1650 (d) 1850

Q32. Sandy starts business with Rs.3500 and after 5 months, Himanshu joins with him as partner. After one year, the profit is divided in the ratio 2 : 3. What is Himanshu's contribution in the Capital?

- (a) 8000 (b) 7000 (c) 9000 (d) 10000

Q33. In a group of horses and hens, the number of legs are 84 more than twice the number of heads. The number of horses are:

- (a) 42 (b) 30 (c) 24 (d) 40

Q34. If total six persons sit around a table, the probability that some specified three of them are always together is:

- (a) $\frac{2}{21}$ (b) $\frac{3}{10}$ (c) $\frac{3}{20}$ (d) $\frac{1}{20}$

Q35. A batsman had a certain average of runs for last 16 innings. He made a score of 87 runs in next inning , thereby increasing his average by 3. What is his average after 17 innings?

- (a) 40 (b) 37 (c) 39 (d) 38

Q36. The average of marks of 11 students is 72. If average of first 6 is 70 and that of last 6 is 71, then the marks of 6th is student is:

(a) 52 (b) 54 (c) 53 (d) 51

Q37. How many different ways can be there to arrange the letters of the word 'CANNE' such that the vowels always come together?

(a) 44 (b) 48 (c) 52 (d) 50

Q38. There are total 8 females and 10 males volunteers. In how many ways can we arrange them to send them for a visit in a group of 5 males and 6 females.

(a) 11460 (b) 22340 (c) 18600 (d) 11760

Q39. Mira and Ram can do a piece of work in 6 and 9 days respectively; If they work on alternate days starting with Mira on the first day. How many days will be taken to complete work?

(a) 7 (b) 8 (c) 6 (d) 9

Q40. The average of 20 integers is 0. Of them, at max how many can be greater than 0?

(a) 0 (b) 1 (c) 10 (d) 19

Answer key

1	C	9	B	17	D	25	D	33	A
2	A	10	B	18	C	26	B	34	B
3	A	11	B	19	A	27	C	35	C
4	C	12	C	20	A	28	D	36	B
5	A	13	A	21	A	29	A	37	B
6	B	14	B	22	C	30	A	38	D
7	A	15	A	23	C	31	A	39	A
8	C	16	B	24	C	32	C	40	D