

Oracle Mock-1

Q1. Veena bought a watch costing Rs. 1404 including sales tax at 8%. She asked the shopkeeper to reduce the price of the watch so that she can save the amount equal to the tax. The reduction in the price of the watch is?

- (a) Rs.108 (b) Rs.104 (c) Rs.112 (d) Rs.120

Q2. A can do a work in 60 days and B can do the same work in 40 days. They work together for 12 days and then 'A' goes away. In how many days will 'B' finish the remaining work?

- (a) 16 days (b) 20 days (c) 25 days (d) 28 days (e) 24 days

Q3. Out of 500 students of a school, 35% of students play football, 25% plays cricket and 20% neither play football nor cricket. How many students play football and cricket?

- (a) 50 (b) 94 (c) 100 (d) 200

Q4. 20 boys and 32 girls form a group for social work. During their membership drive same no. of boys and girls joined the group. How many members does the group have now, if the ratio of boys to girls is 3:4 respectively?

- (a) 75 (b) 86 (c) 68 (d) 82 (e) None of the above

Q5. The simple interest accrued on a sum of certain principal is Rs.1000 in 4 years at the rate of 6% pa.

What would be the SI accrued on thrice of that principal at the rate of 4%pa in 3yrs.

- (a) 1005 (b) 1055 (c) 1050 (d) 1500

Q6. The ratio of the present ages of A and B is 9 : 5. Five years earlier the ratio of their ages was 2 : 1. What is the average of their present ages?

- (a) 20 years (b) 25 years (c) 35 years (d) 40 years (e) None of these

Q7. 80% of a smaller number is 4 less than 40% of a larger number. The larger number is 125 greater than the smaller one. The sum of these two numbers is

- (a) 325 (b) 345 (c) 355 (d) 365

Q8. A certain amount was put at SI at R% for 3yrs. Had it been put at a 3% higher rate, it would have fetched Rs.450 more. Find the sum

- (a) 4000 (b) 4500 (c) 5000 (d) 5500

Q9. Pipes P and Q can fill the tank in 24 minutes and 32 minutes respectively. Both pipes are opened together. To have the tank full in 18 minutes, after how many minutes the pipe P must be closed?

- (a) 10.5 minutes (b) 15 minutes (c) 21 minutes (d) 22 minutes

Q10. Two pipes A and B can alone fill a tank in 20 minutes and 30 minutes respectively. But due to a leak at the bottom of the tank, it took 3 more minutes to fill the tank. In how many hours, the leak can alone empty the full tank?

- (a) 30 (b) 48 (c) 56 (d) 60

Q11. The driver of an ambulance sees a college bus 40 m ahead of him after 20 seconds, the college bus is 60 meter behind. If the speed of the ambulance is 30 km/h, what is the speed of the college bus?

- (a) 10 kmph (b) 12 kmph (c) 15 kmph (d) 22 kmph

Q12. Divide Rs.2340 into three parts, such that first part be double that of the second part and second part be $\frac{1}{3}$ of the third part. Find the Third part amount?

- (a) Rs.390 (b) Rs.750 (c) Rs.780 (d) Rs.1170

Q13. Find the greatest number, which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively.

- (a) 127 (b) 132 (c) 114 (d) 108

Q14. The average age of all the members of Mr. Raghunath's family is 25 year. The average age of males is 30 year while the average age of females is 20 year. If the number of females in the family is 10, then find out the number of males?

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

Q15. 20 boys and 32 girls form a group for social work. During their membership drive same no. of boys and girls joined the group. How many members does the group have now, if the ratio of boys to girls is 3:4 respectively?

- (a) 75 (b) 86 (c) 68 (d) 82 (e) None of the above

Q16. If the product and H.C.F. of two numbers are 4107 and 37 respectively, then find the greater number.

- (a) 111 (b) 222 (c) 332 (d) 452

Q17. The population of a city increases 5 % annually but decreases by $\frac{1}{4}$ % due to emigration. Find the net increase in percent in 3 years.

- (a) 8.63 % (b) 11.89 % (c) 13.25 % (d) 14.93 %

Q18. If each of the odd position in the letter CAREFULLY is increased by 1 and each of the even position letters is decreased by 1 then which will be the new word?

- (a) DZSDGTMKZ (b) DYTFGTNKY (c) EZSDHTNKY (d) EZSDHNTKY

Q19. The average age of a woman and her daughter is 42 years. The ratio of their ages is 2 : 1 respectively. What is the daughter's age?

- (a) 28 years (b) 48 years (c) 52 years (d) 31 years (e) None of these

Q20. A car travels a distance of 170 km in 2 hours partly at a speed of 100 km/h and partly at 50 km/h. The distance travelled at a speed of 50 km/h is?

- (a) 50 km (b) 40 km (c) 30 km (d) 60 km (e) None of these

Q21. Find the compound interest on Rs. 5000 for 9 months at 6% per annum, if the interest is reckoned quarterly.

- (a) Rs. 218.98 (b) Rs. 228.39 (c) Rs. 250.69 (d) Rs. 356.50

Q22. If T is denoted as A, R is denoted as B, E is denoted as Q, I is denoted as O, N is denoted as C and S is denoted as M then INTEREST is written as

- (a) OSAPDOMA (b) OCSIBQNB (c) OBAUBUMA (d) OCAQBQMA

Q23. Even after reducing the marked price of a transistor by Rs. 32, a shopkeeper makes a profit of 15%. If the cost price be Rs. 320, what percentage of profit would he have made if he had sold the transistor at the marked price?

- (a) 25% (b) 20% (c) 10% (d) 15% (e) None of these

Q24. If A#B means A is the mother of B; A-B means A is brother of B; A%B means A is father of B; AXB means A is sister of B, which of the following shows that P is the maternal uncle of Q?

- (a) Q – N # M X P (b) P # S X N – Q (c) P – M # N X Q (d) Q – S % P

Q25. TENDER is written in certain language NETRED, How PLAYER is written in that code?

- (a) PLAREY (b) AEPRLY (c) ALPYER (d) APLRYE

Q26. Find the next term in the series 32, 49, 83, 151, 287, 559, ?

- (a) 1118 (b) 979 (c) 1103 (d) 1120 (e) None of these

Q27. Find the next term in the given series : 462, 552, 650, 756, 870, 992, ?

- (a) 1040 (b) 1122 (c) 1132 (d) 1050 (e) None of the Above

Q28. Poojitha is 5th from the left end and Chandana is 4th from the right of the row. Chandana interchanges her position with the one who is sitting 3rd to the right of Poojitha and now Chandana is 10th from the right end. How many children are there in the row?

- (a) 17 (b) 18 (c) 19 (d) 20

Q29. Ramu is 5th from the left end of a row and Ravi is 6th from a right of the row. If they interchange their positions, Ravi becomes 16th from the right end. What is the total number of people in the row?

- (a) 20 (b) 21 (c) 22 (d) 23

Q30. If Monday falls on 5th of a month, then which day will fall three days after the 26th?

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

Q31. The price of sugar is increased by 25%. Find by how much percent the consumption of sugar be decreased so as not to increase the expenditure?

- (a) 25% (b) 40% (c) 20% (d) 30% (e) None of these

Q32. If the day before yesterday was Tuesday, when will Saturday be?

(a) Tomorrow (b) Day after Tomorrow (c) Yesterday (d) Day after Yesterday

Q33. A car travels a distance of 45 km at the speed of 15 km/hr. It covers the next 50 km of its journey at the speed of 25km/hr and the last 25 km of its journey at the speed of 15 km/hr. What is the average speed of the car?

(a) 40 km/hr (b) 24 km/hr (c) 15 km/hr (d) 18 km/hr (e) None of these

Q34. Friendship : Goodwill :: Corruption : ?

(a) Greed (b) Fraud (c) Enemy (d) Money

Q35. Chocolate : Sweet :: Encyclopaedia : ?

(a) Library (b) Composition (c) Dictionary (d) Book

Q36. Hockey: Ground:: Athletics:?

(a) Stadium (b) Arena (c) Ground (d) Court

Q37. Ashwini is Kiran's sister. komal is Kiran's mother. Dipen is komal's father. Esha is Dipen's mother. Then, how is Ashwini related to Dipen?

(a) Grandfather (b) Grandmother (c) Daughter (d) Granddaughter

Q38. Mary is walking towards South-West for 15 miles, turns right and walks another 10 miles. She then turns 90° Clockwise and walks 10 miles. Now, she again turns left and walks 30 miles. Which direction is she facing?

(a) East (b) West (c) South-East (d) North-West (e) Can't determined

Directions for questions (39-40) A, B, C, D, E, F and G are 8 friends sitting in a single row facing North.

1. D is to the immediate right of C.
2. E and A are neighbors of F.
3. B is to the immediate left of C and on second place from left most end.
4. A is at the right most end.

Q39. Who is in between C and E?

(a) B (b) F (c) D (d) None of these

Q40. Who are the neighbors of G?

(a) B and C (b) Only B (c) A and F (d) E and D

Answer key

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