

TCS Mock-2

Q1. The average of 11 numbers is 10.9. If the average of the first six is 10.5 and that of the last six is 11.4 the sixth number is?

- (a) 11.4 (b) 11.5 (c) 11.0 (d) 11.3

Q2. The number of votes not cast for the PNC Party increased by 25% in the National General Election over those not cast for it in the previous Assembly Polls, and the PNC Party lost by a majority twice as large as that by which it had won the Assembly Polls. If a total 2,60,000 people voted each time, how many voted for the PNC Party in the previous Assembly Polls?

- (a) 110000 (b) 120000 (c) 140000 (d) 150000

Q3. Rani mixes 70kg of sugar worth Rs.28.50 per kg with 100kg of sugar worth Rs.30.50 per kg. At what rate shall he sell the mixture to gain 10 %?

- (a) Rs.29.75 (b) Rs.32.64 (c) Rs.31.50 (d) Rs.30.46

Q4. A train is going from Mumbai to Pune and make 5 stops on the way. Three persons enter the train after it has started from Mumbai with 3 different tickets. How many different sets of tickets may they have had?

- (a) 15C3 (b) 3x15P3 (c) 15P3 (d) 15C3/3

Q5. One man can do as much work in one day as a woman can do in 2 days. A child does one-third the work in a day as a woman. If an estate owner hires 39 pairs of hands—men, women and children in the ratio 6 : 5 : 2 and pays them in all Rs. 1, 113 at the end of the day's work, what must the daily wages of a child be, if the wages are proportional to the amount of work done ?

- (a) Rs. 14 (b) Rs. 5 (c) Rs. 20 (d) Rs. 7

Q6. A shop dealer makes his goods 25% above CP and then while selling gives a discount of 12% on MP.

Find his profit % ?

- (a) 15% (b) 12% (c) 11% (d) 10%

Q7. Raj was given a task to arrange the letters of the word 'SWITZERLAND'. In how many ways can he arrange the letters of the word "SWITZERLAND" so that the positions of the vowels are used by vowels only and positions of the consonants are used by the consonants only?

- (a) $11! / 8!$ (b) $11! / (3! \times 8!)$ (c) $3! \times 8!$ (d) $11! / 3!$

Q8. If apple is coded as jam, the jam is coded as chalk, chalk is coded as rock, rock is coded as sugar and sugar is coded as apple, which one of the following sets does contain only those things that are edible?

- (a) Sugar, Jam, Rock (b) Sugar, Jam, Apple (c) Jam, Rock, Apple (d) Apple, Sugar, Rock

Q9. If a man is given 5 numerical digits and 4 alphabets, how many alphanumeric words can be formed using exactly 2 digits and 3 alphabets?

- (a) 40 (b) 120 (c) 3600 (d) 4800

Q10. Which statement has to be correct from the following?

- 1) Tourists are able to clearly see the City of New York on top of the Empire State Building.
2) From the Empire state building, tourists are able to clearly see the city of new york.

3) Tourists are able to see the city of new york clearly from the top of the empire state building.

4) From the top of the Empire state building, the city of New York was clearly seen by the tourists.

- (a) 1 (b) 2 (c) 3 (d) 4

Q11. Find LCM of 12, 15, 20, 27.

- (a) 500 (b) 540 (c) 600 (d) None of these

Q12. A does a work in 10 days, B in 6 days. Find the number of days they can complete the work together?

- (a) 15/4 (b) 16/3 (c) 18/4 (d) None of these

Q13. In a farm, 50 hens lay 200 eggs in 2 days, how many days that 20 hens to lay 400 eggs?

- (a) 234 (b) 345 (c) 356 (d) 400

Q14. The population of a town 3 years ago was 'b' and the population of the town 3 years from now will be 'c'. What is the current population of the town?

- (a) $\sqrt{bc}$ (b) $\sqrt{dc}$ (c) $\sqrt{ac}$ (d) $\sqrt{c}$

Q15. 4 men can repair a road in 7 hours. How many men are required to repair the road in 2 hours?

- (a) 11 (b) 12 (c) 13 (d) 14

Q16. Ram is a five-year elder to his youngest sibling Shreya. Shreya is two years younger than her brother Ritesh. Ritesh is 13 years old and is Ram's brother. How old will ram be in two years from now?

- (a) 12 (b) 16 (c) 18 (d) 23

Q17. _ xx _ yx _ yy _ xy _ xxy

- (a) xxxyy (b) yxyxy (c) yyxxy (d) yyyxx

Q18. Out of 52 cards, 4 cards are drawn at random. What is the probability of getting 1 king, 1 queen, 1 jack?

- (a) 0.0128 (b) 0.1564 (c) 0.213 (d) 0.0987

Q19. 5 men and 10 boys can do a piece of work in 30 days and 8 men and 12 boys can do the work in 20 days then the ratio of daily work done by a man to that of the boy.

- (a) 5:1 (b) 7:3 (c) 4:5 (d) 6:1

Q20. Statement: The Total money earned by Salesman.

Statement:

1. They sold 3 cars at Rs. 3475.
2. He gained 20% commission for each car.

- (a) Both statement 1 and 2 together are sufficient (b) only first statement is sufficient
(c) Only second statement is sufficient (d) Neither both are sufficient

Q21. Find the next number in series 9, 30, 68, 130, ?

- (a) 222 (b) 223 (c) 345 (d) 322

Q22. What will be the 11th term in the given series:

5, 10, 17, 26, 37, 50, ?

- (a) 123 (b) 244 (c) 442 (d) 145

Q23. The average age of 30 boys in a class is equal to 14 years. When the age of the class teacher is included the average becomes 15 years. Find the age of the class teacher?

- (a) 45 (b) 42 (c) 50 (d) 44

Q24. A and B rent a pasture for 10 months. A put in 80 cows for 7 months. How many can B put in for the remaining 3 months, if he pays half as much again as A?

- (a) 120 (c) 280 (c) 180 (d) 200

Q25. Rama Krishna can finish a work in 20 days and Suresh in 25 days. They both work together for 5 days and then Suresh goes away. In how many days will Rama Krishna complete the remaining work?

- (a) 10 days (b) 11 days (c) 8 days (d) 9 days

Q26. A man spends 60% of his income. His income is increased by 20% and his expenditure also increases by 10%. Find the percentage decrease in his saving?

- (a) 15% (b) 20% (c) 25% (d) 35%

Q27. there is a number which is slightly lesser than 500, which when divided by 3,4,5,7 leaves no remainder?

- (a) 420 (b) 480 (c) 450 (d) None of these

Q28. How much water must be added to a bucket which contains 40 liters of milk at the cost price of Rs.3.50 per liter so that the cost of milk reduces to Rs.2 per liter?

- (a) 25 litres (b) 28 litres (c) 30 litres (d) 25 litres

Q29. At a party each man danced with exactly four women and each women danced with exactly three men. Nine women attended the party .How many women attended the party?

- (a) 7 (b) 8 (c) 9 (d) 12

Q30. One day Harry and I set our watches together. None of us was aware that my watch was getting faster by 2 min per hour and Harry's watch was getting slower by 1 min per hour. After sometime, we discovered that my watch was 1 hr ahead of Harry's watch. Can you find out after how long we noticed this ?

- (a) 15 hours (b) 20 hours (c) 25 hours (d) None of these

Q31. There is well of depth 30m and frog is at bottom of the well. he jumps 3m in one day and falls back 2m in the same day. how many days will it take for the frog to come out of the well?

- (a) 14 days (b) 21 days (c) 28 days (d) 35 days

Q32. If the hands of a clock coincide every 65 minutes (true time) how much does the clock gain or lose in 24 hours.

- (a) 10 min gain (b) 15 min gain (c) 10 min lose (d) 15 min lose

Q33. There are 20 poles with a constant distance between each pole. A car takes 24 second to reach the 12th pole. How much will it take to reach the last pole.

- (a) 40 seconds (b) 32 seconds (c) 42 seconds (d) None of these

Q34. Ram, Shyam and Gumnaam are friends. Ram is a widower and lives alone and his sister takes care of him. Shyam is a bachelor and his niece cooks his food and looks after his house. Gumnaam is married to Gita and lives in large house in the same town. Gita gives the idea that all of them could stay together in the house and share monthly expenses equally. During their first month of living together, each person contributed Rs.25. At the end of the month, it was found that Rs 92 was the expense so the remaining amount was distributed equally among everyone. The distribution was such that everyone received a whole number of Rupees. How much did each person receive?

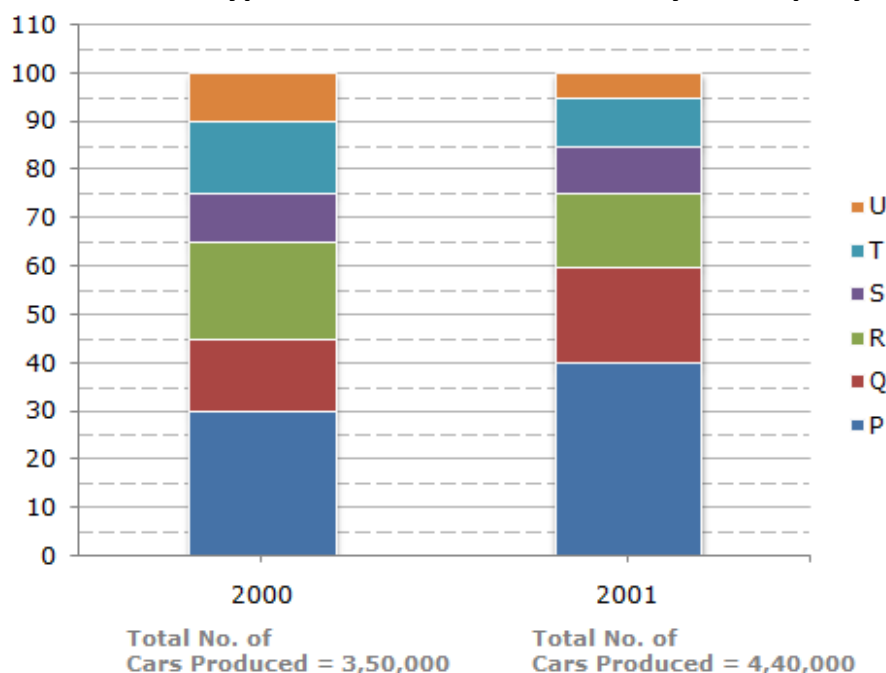
- (a) Rs. 1 (b) Rs. 2 (c) Rs. 3 (d) Rs. 4

Q35. At 6 'o' clock, a clock beeps 6 times. The time between first and last beep is 30 seconds. How long does it beep at 12'o clock.

- (a) 60 seconds (b) 66 seconds (c) 72 seconds (d) None of these

Directions (36-40): The bar graph given below shows the percentage distribution of the total production of a car manufacturing company into various models over two years.

Percentage of Six different types of Cars manufactured by a Company over Two Years



Q36. What was the difference in the number of Q type cars produced in 2000 and that produced in 2001?

- (a) 35,500 (b) 27,000 (c) 22,500 (d) 17,500

Q37. Total number of cars of models P, Q and T manufactured in 2000 is?

- (a) 2,45,000 (b) 2,27,500 (c) 2,10,000 (d) 1,92,500

Q38. If the percentage production of P type cars in 2001 was the same as that in 2000, then the number of P type cars produced in 2001 would have been?

- (a) 1,40,000 (b) 1,32,000 (c) 1,17,000 (d) 1,05,000

Q39. If 85% of the S type cars produced in each year were sold by the company, how many S type cars remain unsold?

- (a) 7650 (b) 9350 (c) 11,850 (d) 12,250

Q40. For which model the percentage rise/fall in production from 2000 to 2001 was minimum?

- (a) Q (b) R (c) S (d) T

Answer keys

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