

Capgemini, Infosys And TCS previously asked questions
35 Questions, 35 Minutes

1. 200meter train travel with the speed of 120kmph and other train travel in opposite direction with speed of 80kmph in 9 seconds. Then find the length of the other train?(Infosys)
A. 240. B. 300. C. 260. D. 270
2. Ram & Shyam started from a point X and Y respectively and started moving towards each other. After they met Ram took 4 hours to reach Y and Shyam took 16 hours to reach X. Ram's speed is 48 kmph. What is the speed of Shyam?(Infosys).
A. 24kmph. B. 56kmph. C. 32kmph. D. 12kmph. E. 24 kmph
3. A train leaves Meerut at 5 a.m. and reaches Delhi at 9 a.m. Another train leaves Delhi at 7 a.m. and reaches Meerut at 10.30 a.m. At what time do the two trains travel in order to cross each other?(Infosys)
A. 7:56AM. B. 7:48AM. C. 14minutes after 7. D. None of these
4. A man reaches his office 20 min late if he walks from his home at 3 km per hour and reaches 30 min early if he walks 4 km per hour. How far is his office from his house?(Infosys)
A. 20 Km. B. 16 km. C. 14 km. D. 10 km
5. Some articles were bought at 6 articles for Rs. 5 and sold at 5 articles for Rs. 6. Gain percent is:(Infosys)
A. 30%. B. 33.33%. C. 35%. D. 44%
6. How many kilograms of sugar costing Rs. 9 per kg must be mixed with 27 kg of sugar costing Rs. 7 per kg so that there may be a gain of 10% by selling the mixture at Rs. 9.24 per kg?(Infosys)
A. 36. B. 42. C. 54. D. 63
7. The average marks of three students A, B & C is 50. When another student D joins the group, the new average becomes 45. If another student E who has scored 6 marks more than D joins the group, the average of the four students B, C, D & E becomes 50 marks. How many marks did A score in the exam?(Capgemini)
a) 46. b) 16. c) 36. d) 30
8. A computer prints 24960 lines in a day. If the computer works for 8 hours in the day, how many lines does it print in a minute?(Capgemini)
a) 52. b) 480. c) 42. d) 470
9. What is the next letter in the series B, E, H, K, N, __ ?(Capgemini)
a) O. b) H. c) Q. d) N
10. A 30% loss on cost price is what percent loss on selling price?(Capgemini)
A. 30%. B. 20%. C. 15%. D. None of these
11. A, B and C hire a taxi for Rs. 2400 for one day. A, B and C used the car for 6 hours, 8 hours and 10 hours respectively. How much did C pay?(Capgemini)
A. Rs. 800. B. Rs. 1000. C. Rs. 600. D. Rs. 1200
12. The ratio of investments of A and B is 8 : 7 and the ratio of their year end profits is 20 : 21. If B invested for 12 months, then find the period of investment of A:(Capgemini)

- A. 6 months. B. 8 months. C. 10 months. D. 12 months
13. What percent is 2 minutes 24 seconds of an hour?(Capgemini)
A. 6%. B. 2%. C. 4%. D. 8%
14. Evaluate: $3 \cos 80^\circ \operatorname{cosec} 10^\circ + 2 \cos 59^\circ \operatorname{cosec} 31^\circ$ (Capgemini)
A. 1. B. 3. C. 2. D. 5
15. The total cost of 8 buckets and 5 mugs is Rs. 92 and the total cost of 5 buckets and 8 mugs is Rs. 77. Find the cost of 2 mugs and 3 buckets.(Capgemini)
A. Rs. 35. B. Rs. 70. C. Rs. 30. D. Rs. 38
16. If $4x/3 + 2P = 12$ for what value of P, $x = 6$? (Capgemini)
A. 6. B. 4. C. 2. D. 1
17. What number must be added to the expression $16a^2 - 12a$ to make it a perfect square?(Capgemini)
A. $9/4$. B. $11/2$. C. $13/2$. D. 16
18. The straight line $2x + 3y = 12$ passes through:(Capgemini)
A. 1st, 2nd and 3rd quadrant. B. 1st, 2nd and 4th quadrant
C. 2nd, 3rd and 4th quadrant. D. 1st, 3rd and 4th quadrant
19. In $\triangle ABC$, $\angle A + \angle B = 65^\circ$, $\angle B + \angle C = 140^\circ$, then find $\angle B$.(Capgemini)
A. 40° . B. 25° . C. 35° . D. 20°
20. A person gains 10% while buying and 10% while selling by using false weights, then what is his total profit percentage?(Capgemini)
(a) 15% (b) 25% (c) 20% (d) 21%
21. Seema is 5 years older than her brother Mac. The product of their ages is 204 years. What is the age of Mac?(Capgemini)
(a) 12 years (b) 8 years (c) 6 years (d) 10 years
22. Lalit marks up his goods by 40% and gives a discount of 10%. Apart from this, he uses a faulty balance also, which reads 1000 gm for 800 gm. What is his net profit percentage?(Capgemini)
(a) 57.5% (b) 57% (c) 61% (d) 62.5%
23. In a bag, there are a certain number of toy-blocks with alphabets A, B, C and D written on them. The ratio of blocks A:B:C:D is in the ratio 4:7:3:1. If the number of 'A' blocks is 50 more than the number of 'C' blocks, what is the number of 'B' blocks?(Capgemini)
(a) 120 (b) 350 (c) 240 (d) 210
24. If 60 ml of water contains 12% of chlorine, how much water must be added in order to create a 8% chlorine solution?(Capgemini)
(a) 10ml (b) 35ml (c) 20ml (d) 30ml
25. If $a : b = 7 : 5$ and $c : d = 2a : 3b$, then $ac : bd$ is :(Capgemini)
(a) 14:15 (b) 50:147 (c) 98:75 (d) 15:14
26. The average score of a cricketer for ten matches is 38.9 runs. If the average for the first six matches is 42, then find the average for the last four matches.(Capgemini)
(a) 33.25 (b) 33.5 (c) 34.25 (d) 35
27. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?(Capgemini)

- (a) 4991 (b) 5467 (c) 5987 (d) 6453
28. The average of five consecutive odd numbers is 61. What is the difference between the highest and lowest numbers : (Capgemini)
- (a) 4 (b) 8 (c) 12 (d) 16
29. A car travels at a speed of 60 km/h and returns with a speed of 40 km/h, calculate the average speed for the whole journey. (Capgemini)
- (a) 48 kmph (b) 38 kmph (c) 32 kmph (d) 16 kmph
30. A motorboat can travel at 5 km/hr in still water. It travelled 90 km downstream in a river and then returned, taking altogether 100 hours. Find the rate of flow of the river. (Capgemini)
- (a) 3 kmph (b) 3.5 kmph (c) 2 kmph (d) 4 kmph
31. The sum of third and ninth term of an A.P is 8. Find the sum of the first 11 terms of the progression. (Capgemini)
- (a) 44 (b) 22 (c) 19 (d) None
32. How many numbers between 11 and 90 divisible by 7? (Capgemini)
- (a) 10 (b) 11 (c) 12 (d) 13
33. The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay? (Capgemini)
- (a) Rs. 1200 (b) Rs. 2400 (c) Rs. 4800 (d) None
34. A cow and a horse are bought for rs 200000. The cow is sold at a profit of 20% and the horse is sold at a loss of 10%. The overall gain is rs. 4000. The cost price of cow is ? A. 130000. B. 80000. C. 70000. D. 120000
35. In a particular year, the month of January had exactly 4 Thursday and 4 Sundays. On which day of the week did January 1st occur in the year ? A. Monday. B. Tuesday. C. Wednesday. D. Thursday