# Wipro quant test paper

1. A garrison has enough food for 120 soldiers for 42days. After 12 days, 30 new soldiers join the garrison , now food will last for how many days beginning with the day of arrival of new soldiers.

a. 37.5 days b. 52.5 days c. 36 days d. 24 days

2. A train passes by a stationary man standing on the platform in 8 seconds and passes by the platform completely in 32 seconds. If the length of the platform is 270 metres, what is the length of the train?

a. 100metres b. 90 metres c. 110 metres d. 120 metres

3. From the salary of an officer 10% gets deducted as House Rent Allowance, 15% he spends on Children’s education, 10% is spent on clothing’s. After his expenses he is left over with Rs3780. Find his income.

a. 21200 b. 18450 c. 22100 d. None of these

4.Price of cooking oil has increased by 25%. What percent of reduction that a family could afford in the usage of cooking oil so as not to increase the expenditure?

a. 25% b. 16.33% c. 10% d. 20%

5. If Lance Armstrong cycles at 10km/hr, then he arrives at certain destination at 1 pm. If he cycles at 15km/hr, he will arrive at same place at 11 a.m. At what speed must he cycle to get there by noon?

a. 12 km/hr b. 11km/hr c. 13km/hr d. 14km/hr

6. Six bells commence tolling together and toll at intervals 2,4,6,8,10 and 12 seconds respectively. In 30 minutes how

many times they toll together.

a. 4 b. 10 c. 15 d. 16

1)There are 5 doors to a lecture room. In how many ways can a student enter the room through a

door and leave the room by a different door?

1)10 2)9 3)20 4)625 5)1024

2) A batsman makes a score of 87 runs in the 17

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match and thus increases his average by 3.Find his

average after 17

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match.

1)36 2)37 3)38 4)39 5)40

3) A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the

probability that none of the balls drawn is blue?

1)10/21 2)11/21 3)1/2 4)2/7 5)3/2

4) Of the 1000 inhabitants of a town, 60% are males of whom 120% are literate. If of all the

inhabitants, 25% are literate, then what percent of females of the town are literate?

1)32.5% 2)43% 3)46.6% 4)53.2% 5)none

5) 1100 boys and 700 girls are examined in a test, 42% of the boys and 30% of the girls pass. The

percentage of the total who failed is

1)58 2)62\*2/3 3)64 4)67 5)69

6) ITC sells one product at a profit of 20% another at a loss of 20% at the same selling price. What is

the loss incurred by ITC?

1)1% 2)2% 3)4% 4)0% 5)none

7) 6 men,8 women and 6 children complete a job for a sum of Rs.950. If their individual wages are in

the ratio 4:3:2, the total money earned by the children is(in rupees)

1)160 2)190 3)220 4)170 5)250

8) Of the three numbers, second is twice the first and is also thrice the third, if the average of the three

numbers is 44. Find the largest number?

1)24 2)72 3)65 4)55 5)none

9) Jaclyn buys $50000 worth of debentures in a company. She earns 9.5% per annum simple interest,

paid to her quarterly (that is, every 3 months). If the agreed period of the debenture was 18 months,

calculate the amount of interest Jaclyn will earn for each quarter.

1)1187.50 2)1234 3)1289 4)1345 5)can’t be determined

10) What is the difference between the compound interests on Rs.5000 for 1 ½ years at 4% per

annum compounded yearly and half-yearly?

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Directions (11-15): In the following questions, a number series is given with one term missing.

Choose correct alternative.

11) 85,78,65,40,56,\_\_

1)51 2)30 3)35 4)23 5)none

12) 85,74,63,52,\_\_

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13) 2,5,9,19,37,\_\_

* 1)76 2)75 3)74 4)72 5)none

14) 9,12,11,14,13,\_\_,15

1)12 2)16 3)10 4)17 5)22

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1)25 2)18 3)21 4)24 5)none

16) 2 pipes A and B can fill a tank in 24 hours and 120/7 hours respectively. Harihar opened the pipes

A and B to fill an empty tank and some time later he closed the taps A and B, when the tank was

supposed to be full. After that it was found that the tank was emptied in 2.5 hours because an outlet

pipe C connected to the tank was open from the beginning. If the Harihar closed the pipe C instead of

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17) A can finish a work in 15 days and B can do the same work in 12 days. B worked for 8 days and

left the Job. In how many days A alone can finish the remaining work?

1)6 days 2)5 days 3)4 days 4)3 days 5)10 days

18) Two cars started from the same point at 5a.m.,travelling in opposite direction at 40 and 50mph

respectively. At what time will they be 450 miles apart?

1)8a.m. 2)6:30a.m. 3)10a.m. 4)11a.m. 5)12p.m.

19) In what time will a railway train 60m long moving at the rate of 36 kmph pass a telegraph post on

its way?

1)9 sec 2)8 sec 3)7 sec 4)6 sec 5)10 sec

20)A 600m long train crosses a signal post in 40 seconds. How long will it take to cross a 3 km long

bridge at the same speed?

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7. There are 5 doors to a lecture room. In how many ways can a student enter the room through a door and leave the room by a different door?

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11) 6 men,8 women and 6 children complete a job for a sum of Rs.950. If their individual wages are in the ratio 4:3:2, the total money earned by the children is(in rupees)

a.160 b. 190 c. 220 d.170

12) A sum was put at simple interest at a certain rate for 3 years. Had it been put at 2% higher rate, it would have fetched Rs.360 more. Find the sum.

a. Rs.4000 b. Rs.9000 c. Rs.5000 d. Rs.6000

13) 7)The number of oranges in the three baskets are in the ratio of 3:4:5. In which ratio the number of oranges in first two baskets must be increased so that the new ratio becomes 5:4:3?

a.1:3 b.2:1  c. 3:4 d. 2:3

14) If a man marks his goods 40% higher than the cost price and allows a discount of 20%, find his net gain

a.12% b. 20% c. 30 d. 28%

15)On an escalator it took me 30 seconds and 26 steps to reach the bottom. However if I am able to step down 34 stairs I would only require 18 seconds to go to bottom. How many steps were there in escalor when it was idle?

a. 20 b. 30 c. 46 d. indeterminable

* Queson Paper-3814) 9,12,11,14,13,\_\_,15

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16) In a mixture of 63 litres, the milk and water are in the ratio 7:2. If 7 litres of water is added to the mixture, find the ratio in the resulting mixture.

a. 3:1 b. 4:1 c.7:3d. 7:5

ANSWERS

1. D
2. B
3. D
4. D
5. A
6. C
7. C
8. D
9. A
10. C
11. B
12. D
13. B
14. A
15. C
16. C