1. An exam was conducted and the following was analyzed. 4 men were able to check some exam papers in 8 days working 5 hours regularly. What is the total number of hours taken by 2 men in 20 days to check double the number of exam papers?

a. 8 b. 9 c. 10 d. 11 e. None of these

Answer: 8 hours

2. The numbers from 101 to 150 are written as, 101102103104105…146147148149150. What will be the remainder when this total number is divided by 3?

a. 1 b. 2 c. 0 d. 3 e. None of these

Answer: 2

3. Find the number of divisors of 1728(including 1 and the number itself).

a. 35 b. 28 c. 14 d. 21 e. None of these

Answer: 28

4. 10 programmers are able to type 10 lines in 10 minutes. How many programmer are required to type 60 lines in 60 minutes?

a) 10 b) 16 c) 60 d) 30 e) None of the above

**Answer:** a) 10

5. There is a city where all 100% votes are registered. Among this 60% votes for Congress and 40% votes for BJP. Ram, gets 75% of congress votes and 8% of BJP votes. How many votes did Ram get?

a) 48.2 %

b) 56.6 %

c) 42.8 %

d) 64.4 %

e) None of these

Answer: a) 48.2 %

6. John is faster than Peter. John and Peter each walk 24 km. Sum of the speeds of John and Peter is 7 km/h. Sum of time taken by them is 14 hours. Find John’s speed.

a) 4 km/h

b) 5 km/h

c) 3 km/h

d) 7 km/h

e) None of these

Answer: a) 4 km/h

7. Rahaman went to a stationery shop and bought 18 pencils for Rs.100. He paid 1 rupee more for each grey pencil than for each black pencil. What is the price of a grey pencil and how many grey pencils did he buy?

a) Rs.5, 10

b) Rs.6, 10

c) Rs.5, 8

d) Rs.6, 8

e) None of these

Answer: b) Rs. 6, 10

8. In the given series: 70, 54, 45, 41……. What will be the next number?

a) 40

b) 36

c) 35

d) 38

e) None of these

Answer: a) 40

9. Ram alone can do 1/4th of the work in 2 days. Shyam alone can do 2/3th of the work in 4 days. So what part of the work must be done by Anil in 2 days, for them to complete the work together in 3 days?

a) 1/8

b) 1/20

c) 1/16

d) 1/12

e) None of these

Answer: d) 1/12

10. If VXUPLVH is written as SURMISE, what is SHDVD written as?  
a) PEASA  
b) PBASA  
c) PEBSB

d) PESBS  
e) None of the above

Answer: a) PEASA

11. Two city A and B are 27 km away. Two buses start from A and B in the same direction with speed 18 km/hr and 24 km/hr respectively. Both meet at point C beyond B. Find the distance BC.

a. 72KM b. 81 KM c. 63KM d. 54KM e. None of these

Answer : b) 81KM

12. Ram and Shyam start from the same place P at same time towards Q. Ram’s speed is 4 km/hr more than that of Shyam. Ram turns back after reaching Q and meet Shyam at 12 km distance from Q.Find the speed of Shyam.

a. 12 km/hr b. 10 km/hr c. 8 km/hr d. 9 km/hr e. None of these

Answer : c) 8 km/hr

13. The cost price of 12 books is equal to the selling price of 10 books. The gain percent is:

a. 25% b. 20% c. 33.33% d. 16.66% e. None of these

Answer : b) 20%

14. A house and a shop were sold for Rs. 1 lakh each. In this transaction, the house sale resulted into 20% loss whereas the shop sale into 20% profit. The entire transaction resulted in:

a. 1/12 lakh b. 1/10 lakh c. 1/8 lakh d. 1/20 lakh e. None of these

Answer : a) 1/12 lakh

15. A dealer makes a profit of 20% even after giving a 10% discount on the advertised price of a scooter.If he makes a profit of Rs 7500 on the sale of the scooter, the advertise price was

a. 60000 b. 54000 c. 48000 d. 42000 e. None of these

Answer : c. 48000

16. One pipe can fill a bucket three times as fast as another pipe. If together the two pipes can fill the bucket in 36 minutes, then the slower pipe alone will be able to fill the bucket in:

a) 144 minutes.

b) 81 minutes.

c) 108 minutes.

d) 192 minutes.

e) None of these

Answer: a) 144 minutes.

17. Rohit’s father is three times elder than Rohit. After 8 years, he would be two and a half times of Rohit’s age. After a further 8 years, how many times would he be of Rohit’s age?  
a) 2 times  
b) 2.5 times  
c) 2.75 times  
d) 3 times.

e) None of these

Answer : a) 2 times

18. A ship, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. What is the speed of the stream in km/hr?

a) 4

b) 6

c) 5

d) 10

e) None of these

Answer: c) 5

19. In a mixture 60 litres, the ratio of milk to water is 2:1. If this ratio is to be 1:2, then what is the quantity of water needed to be further?

a) 60 litres

b) 50 litres

c) 40 litres

d) 30 litres

e) None of these

Answer: a) 60 litres

20. A reduction in the price of mangoes by 20% enables a farmer to purchase 12 more mangoes for Rs. 15. So what could be the price of 16 mangoes before the reduction of the price?

a) Rs. 9

b) Rs. 7

c) Rs. 5

d) Rs. 6

e) None of these

Answer: c) Rs. 5