Arithmetic Question And Answers

1. Jen wants to tile the floor of her kitchen. The floor is rectangular and measures 12 feet by 8 feet. If it costs $2.50 per square foot for the materials, what is the total cost of the materials for tiling the kitchen floor?

A. $160
B. $200
C. $220
D. $240

Answer: D

2. Three of the four numbers have a sum of 22. If the average of the four numbers is 8, what is the fourth number?

A. 4
B. 6
C. 8
D. 10

Answer: D

3. 2.75 + .003 + .158 =

A. 4.36
B. 2.911
C. 0.436
D. 2.938

Answer: B

4. 7.86 × 4.6 =

A. 36.156
B. 36.216
C. 351.56
D. 361.56

Answer: A

5. Which of the following is closest to 27.8 × 9.6?

A. 280
B. 300
C. 2,800
D. 3,000

Answer: A

6. What approximate value should come in place of the question mark (?) in the following equation?
158.25 x 4.6 + 21% of 847+?= 950.93 50 45

A. 35
B. 40
C. 25
D. 45

Answer: D

7. If the sum of the two radii of two circles is 7 cm and the difference of their circumference is 8 cm, the two circumferences will be—

A. 34cm and 26cm
B. 28cm and 20cm
C. 26 cm and 18 cm
D. 20cm and 12cm

Answer: C

8. The Numbers are 9,15,4,36 10. In a recent survey, 40% of homes contained two or more People. Of those houses containing only one person, 25% were having only a male. What is the percentage of all houses which contain exactly one female and no males?

A. 75
B. 40
C. 15

D. None of these

Answer: D

9. 12 copies of a book were sold for Rs.1800, thereby gaining the cost price of 3 copies. The cost price of a copy is

A. Rs. 120
B. Rs. 150
C. Rs. 1200
D.Rs. 1500

Answer: A

10. A sum of Rs.625 is made up of 80 currency notes which are of either Rs.10 or Rs. 5 denomination. the number of Rs. 10 notes are

A. 35
B. 45
C. 40
D. 30

Answer: B

11.What approximate value should come in place of the question mark (?) in the following equation?
85.147 + 34.912 x 6.2 + ? = 802.293

A. 500
B. 450
C. 550
D. 600

Answer: A

12. The length and the breadth of the floor of a room are 20 ft. and 10 ft respectively. Square tiles of 2 ft. dimension having three different colors are placed on the floor. The first row of tiles on all sides is of black color, out of the remaining one-third is of white color and the remaining are of blue color. How many blue Coloured tiles are there?

A. 16
B.32

C.48
D.24

Answer: A

13.The median of the data 30. 25, 27, 25-8, 29, 35,38. 28 is

A. 28.5
B.29.5
C.28
D.29

Answer: A

14. The measures of two angles of a triangle are 35° and 45°. What is the measure of the third angle of the triangle?

A. 95°
B. 100°
C. 105°
D. 110°

Answer: B

15. When a number is added to another number the total becomes 333.333 percent of the second number. What is the ratio between the first and the second number?

A.3:7
B.7:4
C. 7:3
D.None of these

Answer: C

16. Of the three numbers, the second is twice the first and also thrice the third. If the average of the three numbers is 44, the largest number is

A. 24
B. 72
C.36
D. 108

Answer: B

17. A train is moving with a uniform speed. It crosses a railway platform 120 meters long in 12 seconds and another platform 170 meters long in 16 seconds. The speed of the train per second is—

A.12.5 m/sec
B.10 m/sec
C.10.22 m/sec
D.14 m/sec

Answer: A

18. A box in a college bookstore contains books and each book in the box is a history book, an English book or a science book. If one-third of these books are history books and one-sixth are English books, what fraction of the books are science books?

A. 1/3
B. 1/2
C. 2/3
D. 3⁄4

Answer: B

19. $46.2 \times 10-2 =$

A. 0.0462
B. 0.462
C. 4.62
D. 462

Answer: B

20. Which of the following is the least?

A. 0.105
B. 0.501
C. 0.015
D. 0.15

Answer: C