

1). Zeenat has 60 candies while Sarmad has only 35. How many more candies zeenat has than sarmad?

- A). a. 67%
- B). b. 69%
- C). c. 70%
- D). d. 71%

2). Ahmed and Kamal are practicing for a running competition. Ahmed completes the lap in 25 seconds and Kamal in 30 seconds. If they keep on running, at what MINIMUM time, they'll be at the stopping point TOGETHER if they started running at 4:30.

- A). a. 4:35:00
- B). b. 4:32:30
- C). c. 4:33:30
- D). d. 4:34:00

3). Solve the fraction for X

$$\frac{1}{2} + \frac{1}{4} + \frac{2}{3} = \frac{1}{X}$$

- A). a. 17/12
- B). b. 12/17
- C). c. 12/13
- D). d. 13/12

4). B is 80% more than A. Ratio of B to A is:

- A). a. 2:9
- B). b. 5:9
- C). c. 4:7
- D). d. 9:5

5). Working 9 hours a day, 12 persons complete a work in 25 days. Working 6 hours a day, 15 persons can do the same work in

- A). 28 days
- B). 29 days
- C). 30 days
- D). 32 days

6). 40 workers can complete a 100 m long road-repairing job in 50 days. In order to complete the same task in

40 days, how many additional workers are required?

- A). 1. 12
- B). 2. 15
- C). 3. 18
- D). 4. 10

7). A and B are 5m apart. C is on AB line in a way that AC is 3m. If AC is increased by 6%, BC gets decreased by?

- A). a. 9%
- B). b. 8%
- C). c. 6%
- D). d. 5%

8). Population of a town increases 4% every year. If the current population is 25000, in 3 years it will be?

- A). a. 27500
- B). b. 28000
- C). c. 28122
- D). d. None of these

9). Half percent written as decimal is?

- A). a. 0.5
- B). b. 0.05
- C). c. 0.005
- D). d. None of these

10). In an examination, 80% students passed in English, 85% passed in Maths. and 73% in both. Find how many Failed in both?

- A). a. 10%
- B). b. 8%
- C). c. 3%
- D). d. 2%

11). 114 expressed as percent of 190 is?

- A). a. 40%
- B). b. 30%
- C). c. 50%
- D). d. 60%

12). The L.C.M of two numbers is 48. The numbers are in the ratio 2:3. The sum of numbers is\_\_\_\_\_?

- A). A. 28
- B). B. 32

- C). C. 40
- D). D. 64

13). The H.C.F and L.C.M of two numbers are 84 and 21 respectively. If the ratio of the two numbers is 1:4, then the larger of the two numbers is\_\_\_\_\_?

- A). A. 12
- B). B. 48
- C). C. 84
- D). D. 108

14). The H.C.F of two numbers is 8. Which of the following can never be their L.C.M?

- A). A. 24
- B). B. 48
- C). C. 56
- D). D. 60

15). The product of two numbers is 4107. HCF is 37. Find the LCM of the numbers.

- A). a. 101
- B). b. 111
- C). c. 121
- D). d. 39

16). If a:b is 4:5 and b:c is 7:8, then a:c is?

- A). A. 10:7
- B). B. 7:10
- C). C. 8:7
- D). D. 5:7

17). Ratio between a and b is 4 : 5 and between b and c is 5:4, a and c are same:

- A). a. True
- B). b. False
- C). c. Can not be determined
- D). d. None of these

18). Length and width of a field are in the ratio 5 : 3. If the width of the field is 42 m then its length is:

- A). (i) 100 m;
- B). (ii) 80 m;
- C). (iii) 50 m;
- D). (iv) 70 m

19). The value of m, if 3, 18, m, 42 are in proportion is:

- A). a. 7
- B). b. 9
- C). c. 30
- D). d. None of these

20). Find the Middle proportion of 8 and 18

- A). a. 13
- B). b. 12
- C). c. 14
- D). d. None of these

21). If 12, 21, 72, 126 are in proportion, then:

- A). (i)  $12 \times 21 = 72 \times 126$ ;
- B). (ii)  $12 \times 72 = 21 \times 126$ ;
- C). (iii)  $12 \times 126 = 21 \times 72$ ;
- D). (iv) none of these

22). The first, second and fourth terms of a proportion are 16, 24 and 54 respectively. Then the third term is:

- A). (i) 36;
- B). (ii) 28;
- C). (iii) 48;
- D). (iv) 32

23). The ratio of 1.5 m to 10 cm is:

- A). (i) 1 : 15;
- B). (ii) 15 : 10;
- C). (iii) 10 : 15;
- D). (iv) 15 : 1

24). Two numbers are in the ratio 7 : 9. If the sum of the numbers is 112, then the larger number is:

- A). (i) 49;
- B). (ii) 72;
- C). (iii) 63;
- D). (iv) 42

25). In a class there are 20 boys and 15 girls. The ratio of boys to girls is:

- A). (i) 4 : 3;
- B). (ii) 3 : 4;
- C). (iii) 4 : 5;
- D). (iv) none of these

26). A ratio equivalent to 3 : 7 is:

- A). (i) 3 : 9;
- B). (ii) 6 : 10;
- C). (iii) 9 : 21
- D). ; (iv) 18 : 49

27). By how much is 11% of 22.2 less than 10% of 24.4?

- A). 1. 0.2
- B). 2. 0.02
- C). 3. -0.002
- D). 4. 0.00002

28). Imtiaz's monthly salary is Rs 40000. He spends 30% of his salary on rent, 20% on education and invests 70% of the remaining amount in shares. Find the amount invested in shares.

1.

- A). Rs 8000
- B). 2. Rs 12000
- C). 3. Rs 16000
- D). 4. Rs 14000

29). Naeem sold a computer for Rs 25000 at which he suffered 20 Percent loss. Find the purchase price of the computer?

- A). 31000
- B). 41250
- C). 31250
- D). None of These

30). A stock falls by 80% and then falls by 90%. Find the total fall:

- A). A. 50%
- B). B. 98%
- C). C. 10%
- D). D. None of these