1. ﻿﻿﻿If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:  
 a.50 km b. 56 km c. 70km d. 80km  
 ans : a. 50Km (edited)

2. ﻿﻿﻿Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

a. 9. b. 10 c. 12. d. 20

ans: b. 10

3. A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?

a. 65 sec b. 89 sec. c. 100 sec d. 150 sec

ans: b. 89sec

4. Two trains are moving in opposite directions @ 60 km/hr and 90 km/hr. Their lengths are 1.10 km and 0.9 km respectively. The time taken by the slower train to cross the faster train in seconds is:

a. 36. b. 45. c. 48. d. 49

ans: c. 48

5. In one hour, a boat goes 11 km/hr along the stream and 5 km/hr against the stream. The speed of the boat in still water (in km/hr) is:

a. 3 km/hr b. 5 km/hr c. 8 km/hr d. 9 km/hr

ans: c. 8 km/hr

6. A man takes twice as long to row a distance against the stream as to row the same distance in favour of the stream. The ratio of the speed of the boat (in still water) and the stream is:

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

ans: b. 3: 1

7. The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

a. 76 kg b. 76.5 kg c. 85 kg d. Data inadequate e. None of these

ans: c. 85 kg

8. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:

a. 3500 b. 4000 c. 4050 d. 5000

ans: b. 4000

9. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?

a. 1 b. 14 c. 20 d.21

ans: c. 20

10. Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

a. Rs. 200 b. Rs. 250 c. Rs. 300 d. None of these

ans: b. Rs. 250

11. 8, 27, 64, 100, 125, 216, 343

a. 27 b. 100 c. 125 d. 343

ans: b. 100

12. 6, 9, 15, 21, 24, 28, 30

a. 28 b. 21 c. 24 d. 30

ans: a. 28

13. Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?

a. Rs. 6400 b. Rs. 6500 c. Rs. 7200 d. Rs. 7500 e. None of these

ans: a. Rs. 6400

14. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

a. 3.5 years b. 4 years c. 4.5 years d. 5 years

ans: b. 4 years

15. What is the difference between the compound interests on Rs. 5000 for 1 years at 4% per annum compounded yearly and half-yearly?

a. Rs. 2.04 b. Rs. 3.06 c. Rs. 4.80 d. Rs. 8.30

ans: a. Rs. 2.04

16. Simple interest on a certain sum of money for 3 years at 8% per annum is half the compound interest on Rs. 4000 for 2 years at 10% per annum. The sum placed on simple interest is:

a. Rs. 1550 b. Rs. 1650 c. Rs. 1750 d. Rs. 2000

ans: c. Rs. 1750

17. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

a. 7 b. 10 c. 12 d. 13

ans: b. 10

18. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

a. 12 b. 14 c. 27 d. 53

ans: b. 14

19. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

a. 12 days b. 15 days c. 16 days d. 18 days

ans: b. 15 days

20. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

a. Rs. 375 b. Rs. 400 c. Rs. 600 d. Rs. 800

ans: b. Rs. 400

21. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C be 27, then how old is B?

a. 7 b. 8 c. 9 d. 10

ans: d. 10

22. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is:

a. 14 years b. 18 years c. 20 years d. 22 years

ans: d. 22 years

23. In a mixture 60 litres, the ratio of milk and water 2: 1. If this ratio is to be 1: 2, then the quantity of water to be further added is:

a. 20 litres b. 30 litres c. 60 litres d. 40 litres

ans: c. 60 litres

24. The ratio of the number of boys and girls in a college is 7: 8. If the percentage increase in the number of boys and girls be 20% and 10% respectively, what will be the new ratio?

a. 8: 9 b. 17: 18 c. 21: 22 d. Cannot be determined

ans: c. 21: 22

25. Three partners shared the profit in a business in the ratio 5: 7: 8. They had partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

a. 5:7:8 b. 20:49:64 c. 38 : 28: 21 d. None of these

ans: b. 20 : 49 : 64

26. A, B, C rent a pasture. A puts 10 oxen for 7 months, B puts 12 oxen for 5 months and C puts 15 oxen for 3 months for grazing. If the rent of the pasture is Rs. 175, how much must C pay as his share of rent?

a. Rs. 45 b. Rs. 50 c. Rs. 55 d. Rs. 60

ans: a. Rs.45

27. B2CD,

BCD4, B5CD, BC6D

a. B2C2D b. BC3D c. B2C3D d. BCD7

ans: b. BC3D

28. ELFA, GLHA, ILJA, MLNA

a. OLPA b. KLMA c. LLMA d. KLLA

ans: d. KLLA

29. Three unbiased coins are tossed. What is the probability of getting at most two heads?

a. 3/4 b. 1/4 c. 3/8 d. 7/8

ans: d. 718

30. Two dice are tossed. The probability that the total score is a prime number is:

a. 1/6 b. 5/12 c. 1/2 d. 7/9

ans: b. 5/12

31. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:

a. 15 b. 16 c. 18 d. 25

ans: b. 16

32. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

a. 30% b. 70% c. 100% d. 250%

ans: b. 70%

33. In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?

a. 360 b. 480 c. 720 d. 5040 e. None of these

ans: c. 720

34. In how many ways can the letters of the word 'LEADER' be arranged?

a. 72 b. 144 c. 360 d. 720 e. None of these

ans: c. 360