

Statement Test-(2)

1. Aryan sold his office furnitures as he is converting his business to online mode. He sold his chairs at Rs. 2250 and suffered a loss of 6.25%. He also sold the tables at Rs.2800 and incurred a profit of 7.69%. Find the overall profit or loss percent.

(a) 2% loss (b) 1% profit (c) 2% profit (d) 1% loss (e) None

2. Present age of Akash is 3 times the age of Sanket. Aniket's present age is 2.5 times that of Sanket. After 9 years the sum of their ages will be 157 yrs, then find the difference between present age of Aniket and Sanket.

(a) 28 yrs (b) 30 yrs (c) 32yrs (d) 46yrs (e) None

3. A sum of money invested for three years at 10% rate of compound interest becomes Rs. 22627. Then calculate the sum invested.

(a) Rs.15000 (b) Rs.13000 (c) Rs.19000 (d) Rs.17000 (e) None

4. Arun can complete a piece of work in 30 days and with the help of Rahul , together they can complete the same work in 25days. Find the time taken by Arun and Sunita to complete the whole work working together, if Sunita takes 50days less than Rahul to complete the work alone.

(a) 25 days (b) 23 days (c) 20 days (d) 18 days (e) None

5. P and Q invested in a business Rs.56000 and Rs.64000 respectively. As P is the working partner he takes home Rs.1200 as salary every month. If P receives a profit of Rs.42400 at the end of 1year including salary, then what's the share of Q ?

(a) Rs.28000 (b) Rs.32000 (c) Rs.24000 (d) Rs.36000 (e) None

6. A shopkeeper mixed two types of wheat costing Rs.37 and Rs. 45 in the ratio 3:5 respectively. By selling the mixture he incurred a profit of 14.28% then find the selling price of the mixture.

(a) Rs.42 (b) Rs.48 (c) Rs.49 (d) Rs.56 (e) None

7. A, B, and C started a business with investment in the ratio 7:8:3. After 6 months B withdrew 75% whereas C withdrew 33.33% of their respective investment. If they earn a total profit of Rs. 49300 then find the share of A.

(a) Rs. 27600 (b) Rs. 26400 (c) Rs. 23800 (d) Rs. 25200 (e) None

8. What is the difference between CI on Rs. 21000 at 20% rate of interest for 2 years and simple interest on Rs. 6000 less sum at 6.66% rate of interest for 12years?

(a) Rs.2760 (b) Rs.2744 (c) Rs.3000 (d) Rs.3288 (e) None.

9. There three members in a family X, Y and Z. The average age of X and Y is 49yrs , when Y is replaced by Z then the average becomes 52.5yrs and if X is replaced by Z then the average becomes 45.5yrs, then what is the age of Y ?

(a) 56yrs (b) 42yrs (c) 49yrs (d) 35yrs (e) None

10. The ratio of mother's and father's present age is 6:7. They had a baby whose present age is 3yrs. Find the age of the father at the time of their marriage if the age of the mother was 27yrs when the baby was born which is 3yrs after their marriage.

(a) 27yrs (b) 28yrs (c) 29yrs (d) 30yrs (e) None

11. One card is drawn at random from a deck of 52 cards. What is the probability of that one card is of red face card?

(a) 6/26 (b) 3/26 (c) 1/26 (d) 5/26 (e) None

12. If the average of runs scored by a batsman in 15 matches is 25 and if his average score is 45 runs in the last 3 matches , then find the average score of the first 12 matches? (a) 27 (b) 20 (c) 24 (d) 30 (e) None

13. P and Q can complete a work in 42/5 days while R and S can complete the same work in 28/6 days. Find the time taken to complete the whole work by S alone given the ratio of efficiency of P, Q and R is 2:3:3.

(a) 7/4 days (b) 4/7 days (c) 7 days (d) 4 days (e) None

14. Two boats A and B start a boat race from point X to Y in downstream. The speed of boat A is 26km/h and boat B is 21km/h. Find the distance of boat B from point Y a the time when A reaches point Y if the speed of stream is 4km/h and point X and Y are 300km apart.

(a) 45km (b) 50km (c) 55km (d) 60km (e) None

15. A, B and C invested in a new company in partnership. A invested Rs.25000 for 6months while B invested Rs.35000 for 1year and C invested Rs.40000 for 8 months. If B is the active partner and takes 30% of the profit as salary, then find the share of A given the total profit earned is Rs. 17800.

(a) Rs.2200 (b) Rs.2800 (c) Rs.2100 (d) Rs.2400 (e) None

16. 7 years ago Asit's age was 3/5 times that of Amit. 3 years hence Asit is 4yrs less than Amit. The ratio of present age of Amit and Anil is 9:11. Find the age of Akhil 5 years hence if Akhil is 4yrs younger than Anil?

(a) 23yrs (b) 30yrs (c) 27yrs (d) 34yrs (e) CND

17. Container A has mixture of paint and turpentine in the ratio 9:11 respectively and container B has only turpentine. Find the difference between the capacity of container A and B if the ratio of paint and turpentine becomes 13:11 if these both containers are emptied in a big container C.

(a) 10 lit (b) 16 lit (c) 14 lit (d) 20 lit (e) CND

18. A box contains three types of pens Cello, Fair and Linc in the ratio of damaged Cello, Fair and Linc is 5:10:9. If there are 475 pens and 80% of Cello, 75% of Fair and 70% of Linc are in good condition. Then find the number of Fair pens in the box.

(a) 200 (b) 250 (c) 300 (d) 350 (e) None

19. A mixture is formed by mixing two mixtures A and B in the ratio 7:9. If 84 lit of mixture B is added to the mixture , then ratio of A and B becomes 35 : 57. How much of mixture A be added to the mixture so that the ratio A and B becomes 1:1 ? (a) 60 lit (b) 55 lit (c) 70 lit (d) 65 lit (e) None

20. A shopkeeper gives a discount of 20% on a hand watch and sold it for Rs 840. If he marks it up by 50%. What is the profit earned by the shopkeeper?

(a) 700 (b) 500 (c) 140 (d) 240 (e) None of these

21. A shopkeeper sells 60 toffees for Rs 1 at a loss of 60%, if he wants to gain 60%, then how many toffees should he sell for Rs 1 ?

(a) 15 (b) 20 (c) 30 (d) 50 (e) None of these

22. The rate of interest in two schemes A and B are in the ratio 5 : 6. If a person invested some amount in both the schemes and received equal amounts from both the schemes after 5 years. The ratio of the amount invested in schemes A and B respectively is:

(a) 11 : 1 (b) 1 : 11 (c) 6 : 5 (d) 5 : 6 (e) None of these

23. The total monthly income of Mayank and Rishabh is Rs 1,10,000 and the ratio of the expenditure of Mayank and Rishabh is 7 : 6 and the ratio of savings of Rishabh and Mayank is 4 : 5. Find the expenditure of Rishabh if the income of Mayank is Rs 10,000 more than the income of Rishabh.

(a) Rs 25000 (b) Rs 30000 (c) Rs 35000 (d) Rs 40000 (e) None of these

24. Neeraj, Manish and Om can complete a task in 13 days, 26 days and 39 days respectively. If they work on alternate days starting with Neeraj, then Manish and then Om, the task given to them will be completed in how many days?

(a) 224/7 days (b) 123/6 days (c) 214/3 days (d) 127/6 days (e) None of these

25. X men can do a piece of work in 42 days. If there had been 10 more men then the work would have been completed in 30 days. In how many days (x+45) men can do the same work?

(a) 20 (b) 15 (c) 25 (d) 5 (e) None of these

