

003 - Aptitude Development-I

P. Pages : 1

Time : Two Hours



GUG/W/24/14289

Max. Marks : 60

1. a) By selling 100 notebooks, a shopkeeper gains the selling price of 20 notebooks. What is his gain percentage? **12**

OR

- b) David sold a bicycle at Rs. 2,100 and made a loss of 25%. At what price should he sell the bicycle if he wants to make a profit of 15%? **12**

2. a) The compound interest on Rs. 30,000 at 7% per annum is Rs. 4,347. The time period required for achieving the above interest is? **12**

OR

- b) Rs. 800 becomes Rs. 956 in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4% what amount will Rs. 800 become in 3 years. **12**

3. a) Two friends, Karan & Himanshu had some candies each. One of them had 15 candies more than the other. The candies with Karan was 60% of the total candies with them. How many candies did each have? **12**

OR

- b) Three candidates A, B & C contested an election and received 1800, 3300 and 3900 votes respectively. What percent of the total votes did A get? **12**

4. a) A shopkeeper has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500? **12**

OR

- b) The capital of a cricket team of 11 members is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded, the average age of the remaining players in one year less than the average age of the whole team. What is the average age of the team? **12**

5. a) On a 20% discount sale, an article costs Rs. 596. What was the original price of the article? **3**
b) A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is: **3**
c) $3889 + 12.952 - ? = 3854.002$. **3**
d) The average weight of 8 person's increases by 2.5kg when a new person comes in place of one of them weighing 65kg. What might be the weight of the new person? **3**
