

T3-Life Mathematics  
Model Question Paper VII  
8th Standard

Maths

Reg.No. : 

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I. Answer all the questions

Time : 01:30:00 Hrs

Total Marks : 35

10 x 1 = 10

Part-A

- 1) There are 5 oranges in a basket of 25 fruits. The percentage of oranges is \_\_\_\_  
(a) 5% (b) 25% (c) 10% (d) 20%
- 2)  $\frac{2}{25} = \dots\dots\dots\%$   
(a) 25 (b) 4 (c) 8 (d) 15
- 3) 15% of the total number of biscuits in a bottle is 30. The total number of biscuits is \_\_\_\_\_.  
(a) 100 (b) 200 (c) 300 (d) 150
- 4) The price of a scooter was Rs.34,000 last year. It has increased by 25% this year. Then the increase in price is \_\_\_\_\_.  
(a) Rs.6,500 (b) Rs.8,500 (c) Rs.8,000 (d) Rs.7,000
- 5) A man saves Rs. 3,000 per month from his total salary of ` 20,000. The percentage of his savings is \_\_\_\_\_.  
(a) 15% (b) 5% (c) 10% (d) 20%
- 6) The discount is always on the \_\_\_\_\_.  
(a) Marked Price (b) Cost Price (c) Selling Price (d) Interest
- 7) If M.P. = Rs. 140, S.P. = Rs. 105, then Discount = \_\_\_\_\_.  
(a) Rs. 245 (b) Rs. 25 (c) Rs. 30 (d) Rs. 35
- 8) \_\_\_\_\_ = Marked Price - Discount.  
(a) Cost price (b) Selling price (c) List price (d) Market price
- 9) The tax added to the value of the product is called \_\_\_\_\_ Tax.  
(a) Sales Tax (b) VAT (c) Excise Tax (d) Service Tax
- 10) If the S.P. of an article is Rs. 240 and the discount given on it is Rs. 28, then the M.P. is \_\_\_\_\_.  
(a) Rs. 212 (b) Rs. 268 (c) Rs. 228 (d) Rs. 258

Part-B

5 x 2 = 10

- 11) A and B can do a piece of work in 12 days, B and C in 15 days, C and A in 20 days. In how many days will they finish it together and separately?
- 12) A can do a piece of work in 20 days and B can do it in 30 days. How long will they take to do the work together?
- 13) Find the compound interest on Rs. 20,000 at 15% per annum for  $2\frac{1}{3}$  years?
- 14) Vaideesh deposits Rs.500 at the beginning of every month for 5 years in a post office. If the rate of interest is 7.5%, find the amount he will receive at the end of 5 years.
- 15) Find the number which is 15% less than 240

Part-C

5 x 3 = 15

- 16) A T.V. with marked price Rs. 11,500 is sold at 10% discount. Due to festival season, the shop keeper allows a further discount of 5%. Find the net selling price of the T.V..
- 17) The cost of a microwave oven is Rs.6,000. Poorani wants to buy it in 5 installments.  
If the company offers it at the rate of 10% p. a. Simple Interest, find the E.M.I. and the total amount paid by her.
- 18) By selling a table for Rs.1,320, a trader gains 10%. Find the C.P. of the table
- 19) Maria invested Rs 80,000 in a business. She would be paid interest at 5% per annum compounded annually. Find (i) the amount standing to her credit at the end of second year and (ii) the interest for the third year.
- 20) Meenu spends Rs.2000 from her salary for recreation which is 5% of her salary. What is her salary

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