

**ST. XAVIER'S SCHOOL DORANDA, RANCHI**

Sub:- Mathematics

{UNIT TEST : 20-21}

Time:40 Min.

Class:VIII

F.M: 20.

All questions are compulsory

**Section A:- 10 marks.**

1.) A number 4.0 is wrongly read as 4.48; find the percentage error. [3]

2.) Evaluate:

55% of 160 + 24% of 50 – 36% of 150. [3]

3.) [i] A number when increased 23% becomes 861 ; find the number.

[ii] A's income is 10% more than B's income ; how much percent is B's income less than A's income? [2+2]

**Section B:- 10 marks**

4.) By selling an article for Rs 382.50 a man losses 15% . Find its cost price. [3]

5.) A man sells a radio-set for Rs 605 and gains 10%. At what price should he sell another radio of the same kind in order to gain 16%. [3]

6.) Find the single discount (as percent) equivalent to successive discounts.  
20% , 10% and 5%. [4]

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