**DR. VIRENDRA SWARUP EDUCATION CENTRE, PANKI, KANPUR**

**REVISION SHEET- 3 (2019-20)**

**SUBJECT: MATHEMATICS**

**CLASS: VIII**

1. In an examination, 65% of the total examinees passed. If the number of failures is 420, find the total numbers of examinees.
2. A’s income is 60% more that of B. By what percent is B’s income less than A’s income?
3. Divide Rs 7000 among A,B and C such that A gets 50% of what B gets and B gets 50% of what C gets ?
4. Gurpreet sells two watches for Rs. 1955 each, gaining 15% on one and losing 15% on the other. Find the gain or loss percent in the whole transaction.
5. The cost price of 12 candles is equal to the selling price of 15 candles. Find the loss percent.
6. Oranges are bought at 6 for Rs 10 and sold at 4 for Rs 9. Find the gain or loss percent.
7. By selling a bouquet for Rs 322,a florist gains 15%. At what price should he sell it to gain 25%?
8. Find the single discount which is equivalent to two successive discounts of 20% and 5%.
9. How much percent above the cost price should a shopkeeper mark his goods so that after allowing a discount of 25% on the marked price, he gains 20%.
10. A color TV is available for Rs 26880 inclusive of VAT. If the original cost of TV is Rs.24000, find the rate of VAT.
11. Raman bought an air cooler for Rs 5400 including VAT at 8%. Find the original price of the Cooler.
12. An alloy contains 40% copper, 32% nickel and rest zinc. Find the mass of zinc in one Kg of the alloy.