**Dr VirendraSwarup Education Centre ,Panki, Kanpur**

**Revision Sheet- 5 (2019-20)**

**Class VII**

Q1 In what time will Rs. 3600 amount to Rs. 4320 at 8% p.a simple interest.

Q2 At what rate percent per annum simple interest will a sum treble itself in 16 years?

Q3 If A= 3x2+ 7x +8 , B = 2x2+ x – 9 and C = -5x2 -8x +1. Find A+ B+ C

Q4 How much does 93P2 – 55P + 4 exceed 13P3 – 5P2 +17P – 90 ?

Q5 The sides of a triangle are 5a – 3b, 3a + 2b and 5b – 2a. Find its perimeter.

Q6 A man sold two radios at Rs. 4800 each. On one he gains 20% and on the other he loses 20%. Find his gain or loss percent in the whole transaction.

Q7 On selling a sofa set for Rs. 21600, a dealer gains 8%. For how much did he purchase it?

Q8 Find the values of x, y and z in the adjoining figure

Q9 The cost of 2 tables and 5 chairs is Rs. 2300. If a table costs Rs. 30 more than a chair , find the price of each.

Q10 Pankaj sells two cycles for Rs. 2376 each. On one he gains 10% and on the other he loses 10%. Find his gain or

loss %.

Q11 Find the angle which is equal to its complement.

Q12 Two complementary angles differ by 20˚. Find the measure of each angle.

Q13 If 3 (3x – 10 ) = 2x +5, find x

Q14 Think of a number. Add 11 to it and divide the sum by 7, the result is 9. What was the number ?

Q15 I have some five rupee coins and some two rupee coins. The number of two rupee coins is thrice the number of five rupee coins. The total money I have is Rs. 220. How many five rupee and two rupee coins do I have?

Q16 A school has 1800 students on its roll,40% of whom are girls . How many boys are there in the school?

Q17 The sum of four consecutive even numbers is 156, find the numbers .

Q18 If 13 is subtracted from twice a number , the result is 19. Find the number.

Q19 Find the value of the expression for a= 2, b= - 1

Q20 Check whether p= - 2 is the solution of the equation : 4p – 10 = - 2

x--------------------x