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

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

**SUBJECT: MATHEMATICS**

**CLASS: VII**

1. Subtract (2a-3b+4c) from the sum of (a+3b-4c), (4a-b+ac) and (-2b+3c-a).
2. If X=3,Y=4, Find the value of the following:
3. X2 + Y2 (b) X3+ Y3+ 3XY2+3X2Y
4. If P = x+y+z, Q= 2x- y +3z, find P +2Q
5. Find the sum of : 5x3+7+6x- 5x2, 2x2-8-9x,4x-2x2+3x3 and 3x3-9x-x2
6. A wire is (7x-3) meters long. A length of (5x-4) meters is cut for use. How much wire is left.
7. How much does 9a2+7a-2 exceed 2a3+4a2+3a+1 ?
8. Solve $\frac{3x-1}{5}$ - $\frac{x}{7}$ =3
9. Solve: 0.3x + 0.4 = 0.28 + 1.16
10. Solve and verify the following equations :
11. 13(y-4) -3(y-9) -5(y+4) = 0
12. $\frac{2}{3}$x = $\frac{3}{8}$ x + $\frac{7}{12}$
13. The total cost of 3 tables and 2 chairs is Rs 1850. If a table cost Rs 75 more than a chair. Find the price of each.
14. Find the three consecutive positive even integers whose sum is 90.
15. A number is as much greater than21 as it is less than 71.Find the number.
16. A number when multiplied by 5 is increased by 80, Find the number.
17. Rahul’s father is thrice as old as Rahul. After 12 years he will be just twice the son. Find their present ages.