**ASSIGNMENT - 11**

**STD VI ALGEBRA**

1. What is the diameter of circle whose radius is *r*
2. $\frac{r}{2}$ b) 2*r*  c)  *r – 2 d) r + 2*
3. Which variables are used in 2*x + 5y – 10* ?
4. *2, 5* b) *2, — 10* c) --10 d) *x, y*
5. Two added to twice of a number *x*  is
6. $\frac{2x}{2}$ b) *2x – 2* c) *x + 2* d)  *2x + 2*
7. Which of the following is not an equation ?
8. *x =3* b)  *y < 4* c) $\frac{x}{3}$  + 1 d) z = 0
9. Find the values of *2x – y + 3* for *x = 1, y = 2*
10. Which of these solutions of *p + 5 = 8*
11. *p = 0* b) *p = 1* c) *p = 2* d)  *p = 3*
12. Anu is *x* years old. Her father is 4 years older than thrice of Anu’s age. Father’s age is
13. *4x + 3* b) 3*x – 4*  c) $\frac{x}{3}$ + 4 d) *3x + 4*
14. If the length and breadth of a rectangle is *p*  and  *q* then its area and perimeter is
15. *p + q, 2* × *(p + q )*  b) *p* × *q* , *p + q*

c) *4* × *p, p + q*  d) *p* × *q , 2* × *( p + q )*

1. Asha spends *x* hours for studying. Her brother spends 3 hours more than half of time spent by Asha. Time spent by the brother can be expressed as
2. *3x +* $\frac{1}{2}$b) $\frac{x}{2}$ + 3 c) $\frac{x}{2}$ − 3 d) $\frac{x}{3}$ + 2
3. Which of the the given values are the solutions of the equation ?

 *5x – 3 = 12 [ 0, --1, 2, 3]*