**Aarambh classes**

**Class VII cbse**

**Maths test**

**Algebraic expressions**

**Time : 1 hour M.Marks : 20**

1. **Evaluate :** 4
2. for a=-2 ,b=3
3. for a=10 .
4. **Simplify by combining like terms :**
5. -a2+12a2-3a +5a3-6a -2a3 (ii) (6m2 +5m-3)-(4m- 8m2+5) 4
6. **Subtract :**
7. 8p-3q +r from 3p -7q +2r (ii)2x3 +11x2 +4 from 8x3 -5x2 +6 4
8. If **P**= 2y2 +5xy + 3 ,**Q** =-3y2 -3xy +7 ,**R** = 7y2 -4xy +8 ,find **P+Q-R .** 4
9. The perimeter of a triangle is 9m +8 and two sides are 4m +3 and 2m +1. Find the third side.

2

1. **Write the coefficient of x in the following :**
2. 5 x3 yz (ii) – 2x 2