**Aarambh classes**

**Class VIII(CBSE)**

**Maths test**

**Algebraic expressions and identities**

**Time : 1 hour M.Marks : 30**

1. Write the degree of a5-b5 -2a3b3.
2. What must be subtracted from 3x2y -2xy2+7x-2y to get 7xy2-5x2y-3x+3y?
3. Multiply : (4x2 +xy+9y2)by(2x-3y)
4. Divide : 20x3y +10xy2-15x2y by 5xy
5. Divide : x3-6x2+11x-6 by x2 -5x+6
6. Divide: 16x4 – 81y4 by 2x-3y
7. Find the quotient and remainder when (x5+3x4 -5x3 +14x2 +36x-13 )is divided by (x2+4x-2).
8. Find: (0.1 xy +0.2 mn ) (0.3xy -0.4mn)
9. Find : (i) 10.8 x9.2 (ii) 88x112
10. If x+ =3 ,find the values of : (i) x- (ii) x2 + (iii) x4 +