**Aarambh Classes**

**Class IX**

**Maths test**

**MCQ (1 mark )**

1. Which of the following is a rational number ?

(a) (b) 0.10100100010000.......................

© (d) 0.853853853........................

1. The simplest form of 1.666......is :

(a) 833 /500 (ii) 8/5 (iii) 5/3 (iv) none of these

3. The value of =?

(a) 5 (b) - 5 (c) (d)

4. Zero of the polynomial p(x) = x +x-6 are

(a)2,3 (B)-2,3 © 2,-3 (d) -2,-3

5. For what value of k is the polynomial p(X) =2x-kx+3x+10 is exactly divisible by (x+2) ?

(a) (b) © (d) -3

6. If a +b+c=0 ,then (=?

(a) 1 (b) 0 ©-1 (d) 3

7. If the point (3,4) lies on the graph of 3y=ax+7 then the value of a is

(a) (b) (C) (d)

8. X=5 ,Y=2 is a solution of the linear equation :

(a) x+2y=7 (b) 5x+2y=7 © x+y=7 (d) 5x+y=7

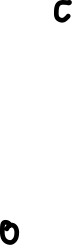
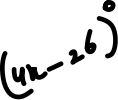
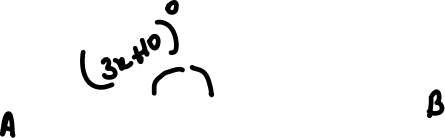
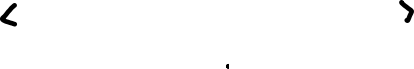
9. the ordinate of every point on the x-axis is

(a) 1 (b) -1 © 0 (d) any real number

10. The perpendicular distance of the point A (3,4)from the y axis is :

(a)3 (b) 4 © 5 (d) 7

11. In the given figure ,AOB is a straight line.If AOC =3X+10and 4x-26,then



1. 96 (b) 86 © 76 (d) 106

12. An angle is one fifth of its supplement .Th measure of the angle is :

(a)15 (b)30 © 75 (d) 150

13. If one of the angles of a triangle is 130 then the angle between the bisectors of the other two angles can be :

(a)50 (b) 65 (c)90 (d) 155

14. In a ,if =42 and ,then =?

(a) 32 (b)63 © 53 (d) 95

15. In a ,if 3==,then A:B:C =?

(a)3:4:6 (b)4 : 3 : 2 © 2: 3:4 (d)6:4:3