**Aarambh Classes**

**Class X**

**MATHS TEST**

**REAL NUMBERS**

**TIME ; 45 MINUTES M.Marks : 20**

1. What is the HCF of the smallest prime number and the smallest composite number ? 2
2. Find three rational numbers between 0 and 0.1 . 2
3. Which of the following decimal number has a terminating decimal representation ?
4. (ii) (iii) (iv) (v) (vi) 3
5. Write the follwing rational numbers in decimal form :
6. (ii) (iii) (iv) (v) (vi) 3
7. Show thar 2 + is an irrational number . 2
8. Find two irrational numbers lying between and . 2
9. Find the largest positive integer that willl divide 398,436 and 542 leaving remainders 7,11 and 15 respectively . 3
10. Find the smallest number which leaves remainder 8 and 12 when divided by 28 and 32 respectively. 3