**Assignment**

**Class 9**

**Ch. 1(Number System)**

1. Find the value of a and b in the following
2. = a + b
3. = a - b
4. Examine whether the following numbers are rational or irrational
5. ()2
6. (2-)(2 +)
7. Simplify the following
8. )-3/2
9. 3a7 b6/18a2 b8
10. (-2a2/b3)3
11. If = x + y , then find the values of x and y.
12. The value of 0.23 + 0.22 is-------
13. Evaluate: (1/2)5\*(-2/5)4\*(3/5)-1
14. If a = 2 and b = 3 then find the values of each of the following

a) aa + bb

b) (1/a + 1/b)a

c) (1/a – 1/b)b