**LOGARITHMS**

1.Log3243 =????.

2. if Log5X =3 then x=?.

3.Log5+Log6-Log3=?

4. Log(26/51)+Log(119/91)=?

5. Log(16/15)+Log(5/8)-log(2/3)=?

6.Log(75/16)-2Log(5/9)+(32/243)=?

7. 1/2Log1025 -2Log103 +Log108 =?

8.Log7(1/49) =?

9.1/3Log10125 -2log104 +Log1032 +log101 =?

10.Log√61296 =?

11.Log927 –Log279 =?

12.Log16(3x+1) =2,Then value of x=?

13.Log1/39.√3 =?

14.log2512 =?

15.7Log78 =?

16.Log4X –Log45 =Log460 ,Then value of X=?

17.log37x+3 =Log35x+9 then value of x=?

18.log39X+2 =4 then x=?

19.Logx9/16 =-1/2 then x=?

20.If Logaab =x then Logbab =?

21.Logp+qp-q =-1 then Logp+qp^2-q^2=?

22.If Log105+Log105x+1=Log10x+5+1 then x=?

23.If a=bx , b=cy , c=az then xyz=?

24.log322^8+Log2433^7-Log361296=?

25.Log4916807-Log927=?

26. Log55X+Log77=52 then x=?

27.Express Log72 in terms of log2 and log3

28.Express log5 in terms of log2.

29.If log2=0.301 then find log5

30.If log2=0.301 and log3=0.4771 then find log15 , log72 , 264

31.log53\*Log3625=?

32.Log881-Log432=?

33.If loga,logb,logc are in A.P then a,b,c are in ------