APPENDIX-II

Topic: How to find out N when log N is given.
Method: Analytic Method
Aim: To test the understanding and retention of concepts taught in Analytic Method.

TEST NO.1
TIME: 30 Minutes Marks: 20

Q.1 Fill in the blanks -

(i) The characteristic of -1.2084 is 

(ii) The Mantissa of -0.62 is 

(iii) Logarithm of a number is _________ + _________

(iv) _________ of log N is always positive

(v) Antilog is used to find ______ when ______ is given

(vi) _________ of log N is always a fraction

(vii) _________ of log N has nothing to do with log table

(viii) _________ of mantissa is always a whole number

(ix) Standard form of 0.329 is _________

(x) _________ of log N may be negative, positive or zero.

Q.2 (i) Write a number for log N such that the characteristic is zero

(ii) Find the mantissa of log X = -3.643

Ans: 1 (i) -2 (ii) 0.38 (iii) characteristic + mantissa
(iv) Mantissa (v) N, log N (vi) mantissa
(vii) characteristic (viii) Antilog (ix) 3.29 x 10^-2
(x) Characteristic

2 (i) No. of the type 2.35 or 1.2 (any real number greater than or equal to 1 and less than 10) (ii) 0.357