

Unit 2

Ex 2.3

1) 5313

mat = 3

characteristics = 725 $\bar{3}$

3.7253 Ans

ii) 110.9

Taking log on b/s.

mat = 2

cha = 0449

2.0449 Ans

7) 0.0093

Taking log on b/s

mat = $\bar{3}$

cha = 9685

3.9685 Ans

2) 4580

Taking log on b/s.

log 4580

mat = 3

characteristics = 6610

3.6610 Ans

v) 52.39

Taking log on b/s

mat = 1

cha = 1197192

1.7192 Ans

8) 1 Trillion.

Taking log on b/s.

log 1000000000000

log 10¹²

log 10¹²

12 log 10

12 (1)

12 Ans

3) 9.613

Taking log on b/s

mat = 0

cha = 9828

6) 0.01207

mat = $\bar{2}$

cha = 0817

2.0817 Ans

9) 0.00004

mat = Taking log on bts

mat = $\bar{4}$

cha = 3979

$\bar{4}.3979$ Ans.

12) 54

Taking log

mat = 1

cha = 7324

1.7324 Ans.

15) -4

Taking log

mat = 0

~~cha~~ not possible.

10) 4

Taking log

Log 4

mat = 0

cha = 6020

0.6020 Ans.

13) 1.009

Taking log

log 1.009

mat = 0

cha = 38

0.38 Ans.

11) 4000

Taking log

mat = 3

cha = 6020

14) 0.1009

mat = $\bar{1}$

cha = 38

$\bar{1}.38$ Ans.