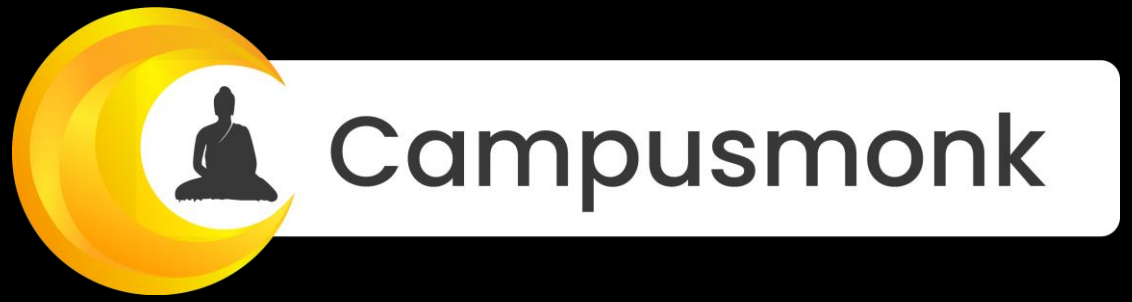

Number System

Live Class- SANKALP/TCS BATCH

CONCEPT – UNIT DIGIT

Q. The elicit In milt's place of the product 81 × 82 × 83 × ... × 89 is
(a) 0 (b) 2
(c) 6 (d) 8

Q. The digit In unit's place of the product $(2153)^{167}$ is :

(a) 1 (b) 3

(c) 7 (d) 9

Q. Unit digit in $(264)^{102} + (264)^{103}$ is

(a) 0 (b) 4

(c) 6 (d) 8

Q. The digit in the unit's place of $[(251)^{98} + (21)^{29} – (106)^{100} + (705)^{35} – 16^4 + 259]$ is:

Q. The last digit of 3^{40} is

(a) 1 (c) 3

(c) 7 (d) 9

Q. What will be the unit digit in the product 7^{105}?

(a) 5 (b) 7

(c) 9 (d) 1

Q. The unit digit in the expansion of $(2137)^{764}$ is

(a) 1 (b) 3

(c) 7 (d) 9

CONCEPT

Factors:

1. How many divisors will be there of the number 3600? TITA
2. How many divisors will be there of the number 1020? TITA
3. Question: Of the Number:

   N= 420

a) Find the total number of factors - TITA

CONCEPT
TRAILING ZERO'S