Most Important Topics
Quantitative Aptitude

By – Vikas Dahiya

50 Important Topics - 2024 [2 PM]

Scheduled Date	Subject
01/04/24	Economy
02/04/24	Science & Technology
03/04/24	Environment & D.M.
04/04/24	Science & Technology
05/04/24	Environment & D.M.
06/04/24	-----------
07/04/24	-----------
08/04/24	Economy
09/04/24	Science & Technology
10/04/24	Economy
11/04/24	English
12/04/24	International Relations
13/04/24	-----------
14/04/24	-----------
15/04/24	Geography
16/04/24	-----------
17/04/24	Geography
18/04/24	-----------
19/04/24	Polity & Governance
20/04/24	Polity & Governance
21/04/24	-----------
22/04/24	Maths
23/04/24	Geography
24/04/24	Reasoning
25/04/24	Polity & Governance
26/04/24	International Relations
27/04/24	Environment & D.M.
28/04/24	Social Schemes
29/04/24	History
30/04/24	History

AGENDA

- **Most Important Topics with Quick Revision**

Number Systems

- **General Questions (Counting Based)**

- **Classification**

- **Unit's Place**

- **Divisibility/Remainders**

- **Factors**

Q. $3.1\overline{23}$ in the form $\dfrac{p}{q}$ is equal to

a. $\dfrac{3123}{900}$

b. $\dfrac{1546}{495}$

c. $\dfrac{3123}{990}$

d. $\dfrac{3092}{900}$

Q. What is the remainder when 37^2 is divided by 24?

(a) 3   (b) 13

(c) 1   (d) 0

Q. What is the largest four-digit number which is exactly divisible by '88'?
(a) 9888   (b) 9984
(c) 9944   (d) 9988

Q. Which is the greatest prime number that divides $5^{41} + 5^{42} + 5^{43} + 5^{44}$ completely?

a. 5   b. 13

c. 17   d. 37

Q. The unit's digit of $(524)^{221} \times (687)^{244} \times (758)^{155}$

a. 3   b. 4

c. 5   d. 8

Q. If N= $2^4 \times 3^5 \times 5^6$,

Find the number of odd factors of N.

a. 42

b. 30

c. 35

d. 105

Q. Find the remainder if 54^{84} is divided by 13.

a. 4   b. 2   c. 1   d. 3

Permutations & Combinations

Q. Find the number of diagonals in a regular octagon.

A. 20

B. 16

C. 14

D. 12

Q. In the first division football league, each team plays once against other teams. If 66 league matches are played in all, the number of teams is:

A. 10

B. 11

C. 12

D. 13

E. 14

Percentages

- **Profit and Loss**

- **SI and CI**

Mixture and Alligation

Time, Speed and Distance

Time and Work

Thank You!!!