

English
General Aptitude
Quantitative Aptitude
Number System

DPP: 6

- Q 1** What will be the remainder if 3^{193} is divided by 8?
(A) 6 (B) 1
(C) 5 (D) 3

Q 2 What is the smallest number that when subtracted from 63407 makes it exactly divisible by 9?
(A) 4 (B) 3
(C) 2 (D) 1

Q 3 Find the remainder when 3^{51} is divided by 5.
(A) 2 (B) 1
(C) 4 (D) 3

Q 4 If the number 653ab is divisible by 90, then $(a + b) = ?$
(A) 13 (B) 4
(C) 22 (D) 8

Q 5 What would be the unit digit in the answer of:
 $369^{28} + 167^{44}$
(A) 1 (B) 6
(C) 2 (D) 7
- Q 6** What is the least number that when divided by any of the numbers 7, 16, 28 leaves a remainder of 3?
(A) 116 (B) 115
(C) 227 (D) 113

Q 7 The only natural number which is neither prime nor composite is?
(A) 1 (B) 0
(C) 13 (D) 3

Q 8 Which largest number of 5 digits is divisible by 99?
(A) 99999 (B) 99981
(C) 99909 (D) 99990

Q 9 What should be greatest possible length of a scale which can be used to measure exactly the lengths 7 m, 3 m 85 cm, 12 m 95 cm is
(A) 25 cm (B) 35 cm
(C) 45 cm (D) 55 cm

Q 10 Find the least multiple of 7, which leaves a remainder of 4, when divided by 6, 9, 15 and 18 is:
(A) 94 (B) 184
(C) 274 (D) 364

Answer Key

Q1 D
Q2 C
Q3 A
Q4 B
Q5 C

Q6 B
Q7 A
Q8 D
Q9 B
Q10 D



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