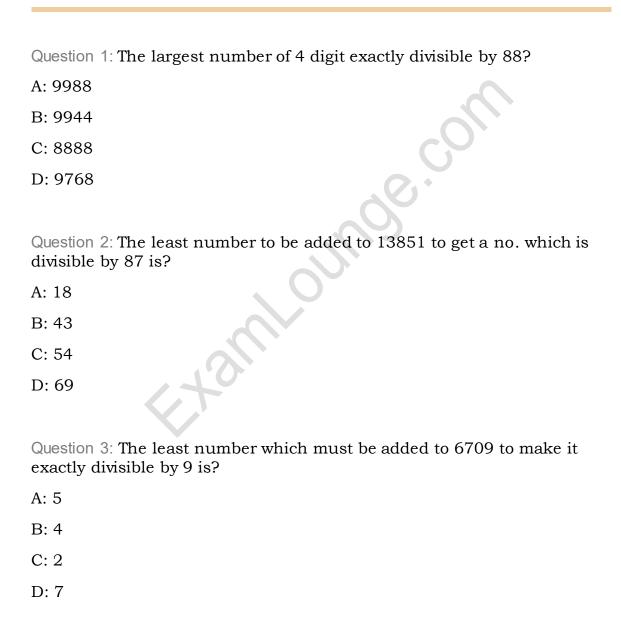
NUMBER SYSTEM

By: Vikas Yadav(5+ Years Teaching Experience) *ExamLounge.com*

Practice Problems with Solution



Question 4: The smallest no. to be added to 803642 in order to obtain a multiple of 11 is? A: 1 B: 9 C: 4 D: 7 Question 5: The least number which when divided by 4, 6,8,12 and 16 leaves a remainder of 2 in each case? A: 46 B: 48 C: 50 D: 56 Question 6: Find the greatest 5 digit no. which when divided by 3, 5,8,12 have 2 as remainder? A: 9999 B: 99958 C: 99962 D: 99950

Question 7: A, B and C start running at the same time and same point in same direction .A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds. After what time will they meet again at starting points?

A: 26min 18sec

B: 42min 36 sec

C: 45 min

D: 46min 12 sec

Question 8: The greatest number which when subtracted from 5834, gives a number exactly divisible by each 20, 28, and 32 and 35 is?

A: 1120

B: 4714

C: 5200

D: 5600

Question 9: The traffic lights at three different road crossing change after 24 sec, 36 sec and 54 sec respectively. If they all change simultaneously at 10:15:00 AM, then what time will they again change simultaneously?

A: 10:16:54 AM

B: 10:18:36 AM

C: 10:17:02 AM

D: 10:22:12 AM

Question 10: The greatest number of four digits which when divided by 3,5,7,9 leave remainders 1,3,5,7 respectively is?

A: 9763

B: 9764

C: 9766

D: 9765

Answers and Solutions

- **1:-** B, 9944
- **2:-** D, 69
- **3:-** B, 4
- **4:-** C, 4
- **5:-** C, 50
- **6:-** C, 99962
- **7:-** D, 46min 12 sec
- **8:-** B, 4714
- **9:-** B, 10:18:36 AM
- **10:-** A, 9763

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