

CLASS - VIII

MATHEMATICS

Date: -28/04/2020

CHAPTER 5 - PLAYING WITH NUMBERS

★ Watch the online videos “Playing with numbers -Lecture 1 & 2 ” from Optimum Online E-Learning Platform and try to comprehend the concepts of Numbers . After that try to solve the questions given in your assignment.

★ [Lecture no 01](#)

★ [Lecture no 02](#)

Q1. The units digit of a two-digit number is 3 and seven times the sum of the digits is the number itself. Find the number.

Q2. In a two-digit number, the digit at the units place is double the digit in the tens place. The number exceeds the sum of its digits by 18. Find the number.

Q3. A two-digit number is 3 more than 4 times the sum of its digits. If 18 is added to the number, its digits are reversed. Find the number.

Q4. If sum of the number 985 and two other numbers obtained by arranging the digits of 985 in cyclic order is divided by 111, 22 and 37 respectively. Find the quotient in each case.

Q5. Find the quotient when the difference of 985 and 958 is divided by 9.

Q6. Find the remainder when 981547 is divided by 5. Do that without doing actual division.

Q7. Given an example of a number which is divisible by

(i) 2 but not by 4.

(ii) 3 but not by 6.

(iii) 4 but not by 8.

(iv) Both 4 and 8 but not by 32

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