

19/11/2020  
THURSDAY

# MATHEMATICS

STD - XI

class - 03

## Assignment

1)  $A = \{x : x \in \mathbb{N} \text{ and sum of digits of } x \text{ is same as the number of digits of } x\}$

Ans) It is an infinite set.

Set  $\mathbb{N}$  of natural numbers is an infinite set. Because there is given  $x \in \mathbb{N}$ . sum of ~~two~~ digits of  $x$  is same as the no. of digits of  $x$ .

eg: -  $\{1, 11, 20, 111, \dots\}$