C.W.O 5.7.2021

Ch-10

Sets

Date
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Sets -

A collection of well-defined objects.

Exercise - 10 (A)

i) All the easy problems in your text book.

Ans- No, it is not a set, because it might be easy for me but not for somebody else. So, it is not well-defined.

ii) All the three sided figures.

Ans - Yes, it is a set.

iii) The first five counting no.s.

Ans- Yes, it is a set

iv) All the tall boys of your class.

Ans- No, its not a set because a well-defined height range is not given.

v) The last three days of the week.

Ans- Yes, it is a set.

vi) All triangles that are difficult to draw.

Ans- No, it's not a set, because some triangles can be difficult for someone while, those triangles can be easy for someone else. So, it's not well-defined.

vii) The first three ~~days~~ letters of the English alphabet.

Ans- Yes, it is a set.

viii) All tasty fruits.

Ans- No, it's not a set, because some fruits can be tasty for someone, while ~~some~~ those fruits cannot be tasty for someone else. So, it's not well-defined.

ix) All the clever boys of class 6.

Ans- No, it's not a set, because the boys can be clever for someone, while those boys can't be clever for someone else. So, it's not well-defined.

x) All good schools in Delhi.

Ans- No, it's not a set, because ~~the~~ some schools are good for ~~m~~ someone, while thoses schools can't be good for someone else. So, it's not well-defined.

xi) All girls in your class whose height is are less than your height.

Ans- Yes, it is a set.

xii) All the boys in your class whose heights are more than your height.

Ans- Yes, it is a set.

iii) All the problems in ~~your~~ your Mathematics books that are difficult for Amit.

Ans- Yes, it is a set.

H.W
5.9.21

Ch-9

Exercise-9(c)

(9) Find which of the following are ~~divisible~~ divisible by 11.

i) 5918

5+1 = 6

9+8 = 17

Difference = 17 - 6

= 11

11 is divisible by 11.

So, 5918 is divisible by 11.

ii) 68,717

6+7+7 = 20

8+1 = 9

Difference = 20 - 9

= 11

11 is divisible by 11.

So, 68,717 is divisible by 11.