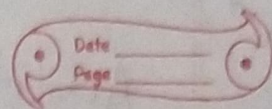# CHAPTER-10

SETS

Exercise -10(A)

1. State wheather or not the following elements form a set; if not, give reason :-

(i) All the easy problems in your text book - Not well-defined because all the problems may be easy for some children not for all.

(ii) All the three sided figures - Yes it is Well-defined

(iii) The first five counting numbers - Yes it is well-defined

(iv) All tall boys in your class - No it is not well-defined because all are not of same ~~high~~ height.

(v) The last three days of a week - Yes it is well-defined

(vi) All triangles that are difficult to draw - No it is not well-defined because drawing triangles may be difficult for one but not for all.

(vii) ~~All~~ The first three letters of the English Alphabet - Yes it is well-defined.

(viii) All tasty fruits - No it is not well-defined because it may be tasty for one but not for all.

(ix) All the cleaver boy of class 6 - No it is not well-defined because its not clear about their cleverness

(x) All the good Schools in Delhi - No it is not ~~well~~.

Well defined because Schools may varry from each other.

(xi) All the girls in your class whose heights are less than your height - Yes it is well defined.

(xii) All the boys in your class whose heights are more than your height - Yes it is well defined

(xiii) All the problems in your mathematics book that are difficult for Amit - Yes it is well-defined.