

## ⑩ Sets

### Ex-10(A)

- 1) State whether or not the following elements form a set; if not, give ~~reason~~ reason:
  - i) All the easy problems in your text book. No; Some problems may ~~not~~ be difficult for one but may be difficult for some other person.
  - ii) All the three sided figures. Yes.
  - iii) The first five counting numbers. Yes.
  - iv) All the tall boys of your class. No; Some of the boy <sup>may</sup> be taller than one boy and another boy <sup>may</sup> be ~~taller~~ <sup>shorter</sup> than another boy. It is not mentioned that the boy must be taller than which boy.
  - v) The last three days of a week. Yes.
  - vi) All the triangles are difficult to draw. No; Some problems may be difficult for one person but may be easy for another person.
  - vii) The first three letters of English alphabet. Yes.
  - viii) All tasty fruit. No; A fruit may be tasty for one person but it may not be tasty for another person.
  - ix) All the clever boys of class 6. No; Some boy may be clever but not all.
  - x) All the good schools in Delhi. No; Some school may be good for one person but it may be not good for another person.
  - xi) All the boys in your class whose heights are more than your height. Yes.
  - xii) All the girls in your class whose heights are less than your height. Yes.
  - xiii) All the problems in your mathematics books that are difficult for Amit. Yes.