

## Nalanda College – Colombo 10

### Mathematics – 2020 October

#### Grade - 7

Time – 01 hours

## 2 - Sets

(1) Express each of the following sets by writing all the elements each set within curly brackets.

(i)  $A = \{ \text{Prime numbers between 0 and 20} \}$

(ii)  $B = \{ \text{Districts of the Northern Province} \}$

(iii)  $C = \{ \text{Digits of the number 52325} \}$

(iv)  $D = \{ \text{Letters of the word "KALUTARA"} \}$

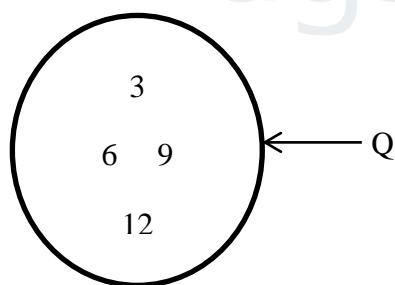
(v)  $E = \{ \text{Multiples of 5 from 1 to 20} \}$

(2)  $P = \{ 2, 9, 6, 8, 10 \}$

(i) Represent the set P by a venn diagram.

(ii) Write down the set P in terms of a common property of its elements by which the elements can be clearly identified.

(3) The set Q has been represented by a venn diagram.



(i) Express the set Q in a different form by writing the elements of Q within curly brackets.

(ii) Write down the set Q in terms of a common property of its elements by which the elements can be clearly identified.