SETS
PERIOD -6

SUBJECT : MATHEMATICS
CHAPTER NUMBER: 6
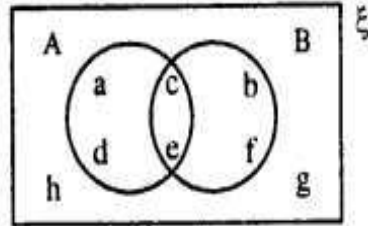**CHAPTER NAME :SETS**

Learning outcome

Students will use a **Venn diagram** to compare and contrast information and recognize relationships between concepts.

Previous knowledge:

From the given diagram find :

(i) $A \cup B$

(ii) $A' \cap B$

(iii) $A - B$
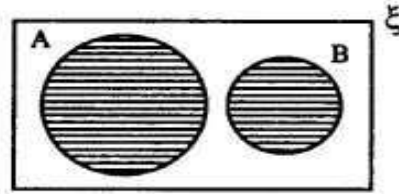
(iv) $B - A$

(v) $(A \cup B)'$

Exercise 6E

7)

Two sets A and B are such that $A \cap B$ = ϕ. Draw a venn-diagram to show the relationship between A and B. Shade the region representing :
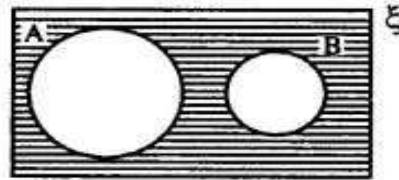
(i) $A \cup B$

(ii) $(A \cup B)'$
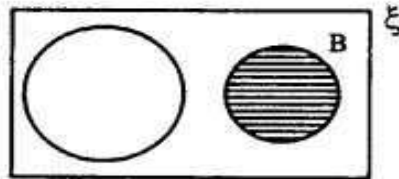
(iii) $B - A$

(iv) $B \cap A'$

Exercise 6E
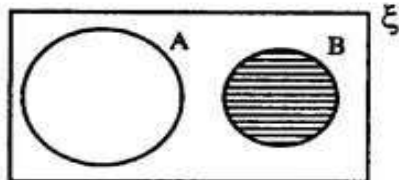
(i) A $\cup$ B =

(ii) (A $\cup$ B)' =
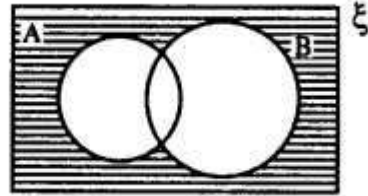

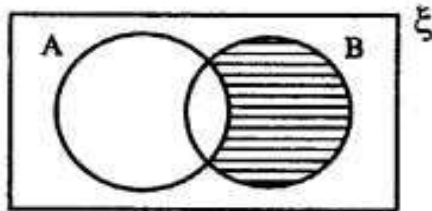(iii) B $-$ A =

(iv) B $\cap$ A' =

8)

State the sets represented by the shaded portion of following venn-diagrams :
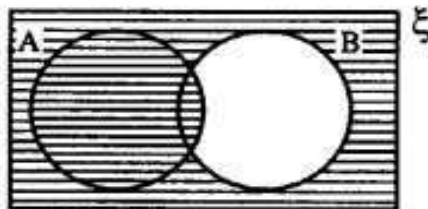
(i)

(ii)

(iii)

8) Sol:

(i) $(A \cup B)'$

(ii) $B - A$ or $A' \cap B$

(iii) $(B - A)'$

Home assignment

Exercise 6(E) -7 to 11

THANKING YOU
ODM EDUCATIONAL GROUP