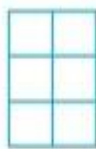


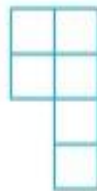


ASSIGNMENT

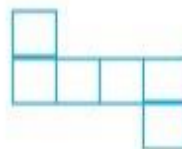
1. Following figures are formed by joining six unit squares. Which figure has the smallest perimeter in Fig. 6.4?



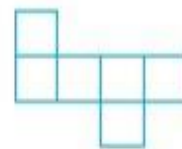
(i)



(ii)



(iii)



(iv)

Fig. 6.4

2. A square shaped park ABCD of side 100m has two equal rectangular flower beds each of size $10\text{m} \times 5\text{m}$ (Fig. 6.5). Length of the boundary of the remaining park is

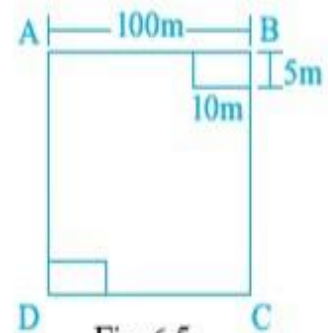


Fig. 6.5

3. The side of a square is 10cm. How many times will the new perimeter become if the side of the square is doubled?
- (A) 2 times (B) 4 times (C) 6 times (D) 8 times

4. Length and breadth of a rectangular sheet of paper are 20cm and 10cm, respectively. A rectangular piece is cut from the sheet as shown in Fig. 6.6. Which of the following statements is correct for the remaining sheet?

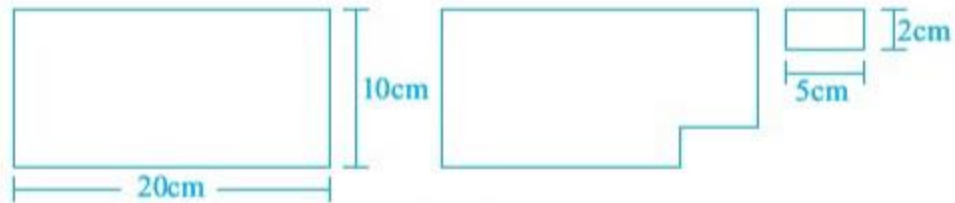


Fig. 6.6

- (A) Perimeter remains same but area changes.
 (B) Area remains the same but perimeter changes.
 (C) Both area and perimeter are changing.
 (D) Both area and perimeter remain the same.
5. Two regular Hexagons of perimeter 30cm each are joined as shown in Fig. 6.7. The perimeter of the new figure is



Fig. 6.7

- (A) 65cm (B) 60cm
 (C) 55cm (D) 50cm
6. In Fig. 6.8 which of the following is a regular polygon? All have equal side except (i)



(i)



(ii)



(iii)



(iv)

Fig. 6.8

- (A) (i) (B) (ii)
 (C) (iii) (D) (iv)