

VIII - Mathematics Assignment No-06 - Understanding QuadrilateralM. C. Q.

Choose the correct option from the following

- Q1. Three angles of a quadrilateral are  $45^\circ$ ,  $76^\circ$  and  $104^\circ$ . The fourth angle is  
(i)  $135^\circ$  (ii)  $134^\circ$  (iii)  $130^\circ$  (iv)  $145^\circ$
- Q2. The sum of all angles of a quadrilateral is  
(i)  $90^\circ$  (ii)  $360^\circ$  (iii)  $270^\circ$  (iv)  $180^\circ$
- Q3. The angles of a quadrilateral are in the ratio  $1:2:3:4$ . The least angle is  
(i)  $108^\circ$  (ii)  $72^\circ$  (iii)  $36^\circ$  (iv)  $24^\circ$
- Q4. The interior angle of a polygon is  $165^\circ$ . The number of its sides are  
(i) 12 (ii) 15 (iii) 20 (iv) 24
- Q5. The measure of an exterior angle of a regular polygon of 10 sides is  
(i)  $36^\circ$  (ii)  $144^\circ$  (iii)  $40^\circ$  (iv)  $140^\circ$

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Q6. The measure of an interior angle of a regular polygon of 20 sides is

- (i)  $18^\circ$  (ii)  $162^\circ$  (iii)  $16^\circ$  (iv)  $48^\circ$

Q7. In a parallelogram ABCD, Sum of two adjacent angles are

- (i)  $90^\circ$  (ii)  $360^\circ$  (iii)  $180^\circ$  (iv)  $270^\circ$

Q8. Two adjacent angles of a parallelogram are in the ratio 2:3. The largest angle is

- (i)  $100^\circ$  (ii)  $80^\circ$  (iii)  $104^\circ$  (iv)  $108^\circ$

Q9. PQRS is a parallelogram. The value of  $\angle P - \angle R$  is

- (i)  $0^\circ$  (ii)  $180^\circ$  (iii)  $90^\circ$  (iv)  $360^\circ$

Q10. The perimeter of a parallelogram is 50cm. One side is  $1\frac{1}{2}$  times the other. The smallest side is

- (i) 15cm (ii) 10cm (iii) 5cm (iv) 20cm.

ANSWERS

(Q1) (i)	(Q4) (iv)	(Q7) (iii)	(Q10) (ii)
(Q2) (ii)	(Q5) (i)	(Q8) (iv)	
(Q3) (iii)	(Q6) (ii)	(Q9) (i)	