Multiple Choice Questions

Q.1.	The perimeter of an equilateral field of length 28 m is:							
	A	102m	B	114m	C	112m	D	84m

Q.2.	Remi Runs two rounds around a square park of side 40m. The distance she covered is:							
	A	320m	B	160m	C	420m	D	180m

Q.3.	The perimeter of a regular pentagon is 80cm. Its side length is:							
	A	14cm	B	15cm	C	16cm	D	18cm

Q.4.	
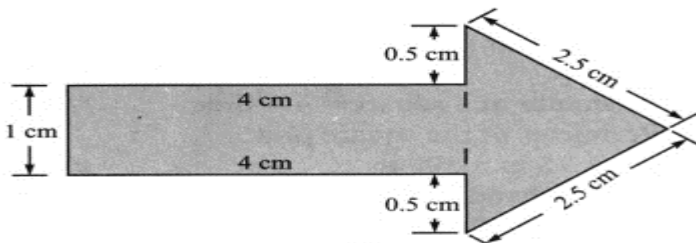
	A	15cm	B	13cm	C	12cm	D	11cm

Q.5.	If the perimeter of a square is 36 cm, then its side is is_____.							
	A	12cm	B	18cm	C	9cm	D	16cm

Q.6.	If the lengths of sides of a playground are 50 m, 80 m, 65 m, and 60 m, the perimeter of the ground.							
	A	255 m	B	265m	C	225m	D	252m

Q.7.	A piece of string is 48cm long. If it is bent to form a triangle with all sides of equal length, then the length of each side is:							
	A	22cm	B	14cm	C	21cm	D	16cm

Q.8.	Perimeter of a square and a rectangle is same. If the square has a side length of 24 m and breadth of the rectangle is 10 m, then the length of the rectangle is:							
	A	98cm	B	38 cm	C	48m	D	28m

Q.9	A rectangular carpet measures 12 m by 9 m. A red lace is to be stitched around its border. The length of lace required is

	A	21m	B	40m	C	42m	D	36cm

Q.10.	A plot of land is in the shape of a regular pentagon with each side 50 m. The cost of fencing the plot at the rate of ₹75 per metre							
	A	₹18570	B	₹18750	C	₹18550	D	₹18770

LONG ANSWER QUESTIONS:

Q.11	What is the length of the lace required to decorate a table cloth of length 90cm and breadth 78 cm?
Q.12	The perimeter of a rectangular park is 250 m. If width of the park is 65 m, find the length of the park.
Q.13	Amal runs around three times a rectangular park of length 85m and breadth 75 m. Find the distance covered by Amal.
Q.14	The perimeter of an isosceles triangular photo frame is 90 cm. The length of the equal sides is 27cm. Find the length of the unequal side.
Q.15	A wire of length 1m 68 cm long is used to make a regular hexagon. Find the length of the side of the regular hexagon. If the same wire is re-bent into the shape of an equilateral triangle. Find the side of the equilateral triangle.
Q.16	Find the cost of fencing a rectangular park of length 175m and breadth 50m at the rate of ₹15 per metre.
Q.17	A regular pentagonal wall hanging has each side 9 cm long. A golden ribbon is to be stitched along its boundary. Find the length of ribbon required.
Q.18	A square and a rectangle have the same perimeter. The side of the square is 28 m. The length of the rectangle is 30 m. Find the width of the rectangle.
Q.19	A greeting card is in the shape of a square. Each side measures 45 cm. A silver lace is to be stitched all around the border. Find the length of lace required.
Q.20.	**CASE STUDY** The students of Class 6 decided to decorate their school garden for the Annual Day. The garden is in the shape of a rectangle with length 35 m and width 20 m. They planned to put colourful flags all around the boundary of the garden, leaving a gap of $\frac{1}{2}$ metre between two consecutive flags. Answer the following questions. 1.What is the perimeter of the garden? 2.How many flags will be required to decorate the garden boundary? 3.If each flag costs ₹12, what will be the total cost of the flags? 4.If instead of flags, three rows of rope are used to cover the boundary, what will be the length of rope required.

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ANSWERS

Q1. D	Q2. A	Q3. C	Q4. A	Q5. C
Q6. A	Q7. D	Q8. B	Q9. C	Q10. B
Q11. 336cm	Q12. 60 cm	Q13. 960m	Q14. 36 cm	Q15. 28cm. 56cm
Q16. ₹6750	Q17. 45cm	Q18. 26cm	Q19. 180cm	Q20. 1)110m 2) 220 3) ₹2640 4) 330m