Ch. – 12: Time and Temperature , Ch.- 15 : Perimeter and Area

Q-1) Choose the correct option.

1. The perimeter of a square is ___ cm . If its side is 2 cm .

   a) 8 cm   b) 16 cm   c) 12 cm

2. The point at which water freezes ___ F .

   a) 46 °   b)   32 °   c) 100 °

3. The long thin hand which moves very fast measures _____ in a clock .

   a) hours   b) seconds   c) minutes

4. A rectangle is a plane figure whose opposite sides are of _____ lengths .

   a) equal   b) not equal   c) none of these

5. _____ minutes are there in 7 hours .

   a)   450   b) 480   c) 420

Q-2) Fill in the blanks.

1. 1725 hours in 12 hour time is _____ .

2. The measure to describe how hot or cold something is called _____ .

3. Two standard units of temperature are the _____ _____ and the _____ .

4. _____ of a shape is the amount of space it covers.

5. Length $= \dfrac{\text{Area}}{\rule{2cm}{0.4pt}}$

Q-3) True or False :

1) The unit used for measuring area of a stamp is mm^2.   _____

2) The normal temperature of the human body is 98.9 ° F .   _____

3) 20 ° cooler than 40 °= 20 ° .   _____

4) Area of a square = side × side .   _____

Q-4) Match the following.

(A)	(B)	Ans:-
1) 1:50	a) 120 seconds	1-____
2) 2 minutes	b) l × b	2-____
3) Perimeter of a square	c) Digital clock	3-____
4) Area of a rectangle	d) 4 × side	4-____

Q-5) Story sums :-

1) Sara completes a painting in 5 hours 10 minutes and Maya in 3 hours 25 minutes . How much more time Sara take to complete the painting ?

2) On a long trip, 3 friends take turns for driving . The first drives for 2 hours 40 minutes 25 seconds , the second for 2 hours 15 minutes 20 seconds and the third 3 hours 20 minutes . what was the total driving time ?

3) A picture frame is in the shape of a square , and each side is 12 inches long .what is the perimeter of the picture frame ?

4) A farmer has a rectangular field that is 50 meters long 45 metres wide . He wants to plant crops over the entire area . what is the area of the field ?

Q-6) Solve the following.

1) Find the area of a square whose one side is 6 cm .

2) Find the area of a rectangle whose length = 8 cm , breadth = 3 cm .

3) Find the breadth of a rectangle if its area = 96 cm^2 and its length = 12 cm .

4) What time would it be :-
   a. 4 hours 57 minutes after 7:15 a.m. ?

   b. 2 hours 50 minutes before 15:10 hours ?

5) a) Convert 68 ° F to ° C .

   b) Convert 25 ° C to ° F