Himalaya International School
Subject -Mathematics
Class- VI
Chapter – 13 (Perimeter and Area of Polygons)
Chapter –14 (Data Handling)
Practice Assignment- 4

Q1. If p and q represents length and breadth of a rectangle, then its perimeter is given by ____.
   (a) P x q (b) 2 (p + q) (c) p + q (d) 2 (p x q)

Q2. The numerical information collected and recorded for a specific purpose is ___.
   (a) Frequency (b) data (c) tally marks (d) numbers

Q3. If the area of a square is 64 sq.m, then its side measures ____.
   (a) 8 m (b) 9 m (c) 10 m (d) 7 m

Q4. Which of the following is used to tabulate data ?
   (a) Symbols (b) pictures (c) Tally marks (d) Numbers

Q5. The perimeter of a regular polygon having n sides of length 'm' units is given by ____.
   (a) n x m units (b) n + m units (c) n ÷ m units (d) m ÷ n units

Q6. Pictograph are created using___.
   (a) Tally marks (b) number (c) only pictures (d) pictures and symbols

Q7. What is the perimeter of a regular pentagon of side length 28 cm ?

Q8. What is the perimeter of a regular heptagon with side length 20 cm?

Q9. Find the area of rectangle whose length and breadth are 12 cm and 9 cm respectively.

Q10. Rakesh threw a dice 20 times and noted the number appearing each time a shown below:

4 3 5 5 6 2 5 4 6 1

6 5 4 4 6 1 5 5 1 1

Make a table and enter the data using tally marks..

(a)Find the number that appeared the minimum number of times.

(b)Find the number that appeared the maximum number of times.

(c) Find those numbers that appear an equal number of times.

Q11. The area of square- shaped field is 225 sq.m. Find the length of the wire required to fence the ground.

Q12. The pictograph given below shows the data about the one – minute game conducted on the opening day of a sports event.

Name of the participant	Number of balls thrown in the basket in a minute
Neha	●●●●●
Nisha	●●●
Amay	●●●●●●●●●
Roopa	●●●●
Sanju	●●●●●●●

Observe the pictograph and answer the following questions.

a. Who is the winner in this one-minute game?

b. who threw the least number of balls in the basket?

c. How many less balls did Neha throw than Sanju?

d. How many more balls did Sanju throw than Nisha?

e. Who threw one ball less than Neha?

Q13. Parks provide space for neighbourhood and residents to interact with each other and meet new people.Rohan runs around a rectangular park with length 100 m and breadth 63 m. Another boy Sohan, runs around a square park with side 85 cm. Find out who cover more distance and by how much?

Q14. The following table represents the sale of televisions in a particular month in 5 different states.

State	No. of televisions sold
Uttar Pradesh	75
Maharashtra	80
Madhya Pradesh	60
Tamil Nadu	45

Show the above information in the form of a pictograph.

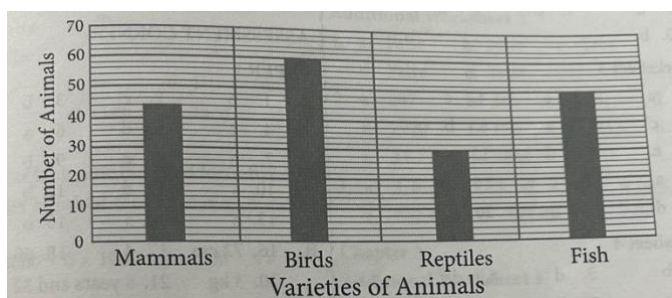Q15. Find the area of the following shape by counting square method.

Q16. The following data is about the beverages taken by employees in an office, Tabula data.
Tea, Milk, Tea, Milk, Tea, Tea
Milk, Coffee, Coffee, Tea, Coffee
Tea, Milk, Milk, Juice , Milk, Milk

Q17. A carpenter wants to fix beadings around a sheet of plywood of area 117 sq. ft. The length of the plywood sheet is 13 ft. Find the length around the plywood sheet required for beading.

Q18. The bar graph given below shows different varieties of animals in a zoo.

Observe the graph and answer the following question

a. How many reptiles are there in the zoo?

b. Which animal is more in number?

c. Which animal is 45 in number?

d. How many fishes are seen in the zoo?

e. How many animals are there in the zoo in all/ altogether?

Q19. Complete the following table:

	Perimeter	Area
Rectangle (length =55 cm , breadth =45 cm		
Square (side =44 cm)		
Rectangle (length = 300 cm, breadth = 150 cm)		
Square (Side = 14 cm)		

Q20. Grocery shops play a crucial role in ensuring food security within communities. In one day, the sales (in₹) of different items of a grocery store are given below.

Rice   : ₹ 1500
Pulses.   : ₹ 2500
Salt   : ₹ 4000
Sugar   : ₹ 500
Wheat flour   : ₹ 1000

Represent the above data in the form of a bar graph.