PERIODIC TEST - II	
Class: V	**Model Paper**
Subject: Mathematics	

SECTION-A

OBJECTIVE PART

Q.1. Choose the correct option :-

a) Ten crore =_____ lakh

   (i) 10   (ii)100   (iii) 1000   (iv)1

b) Which of these English words look the same on half turn_____

   (i) ZOOM   (ii) SWIMS   (iii) RAT   (iv) LINE

c) $\frac{3}{5}$ of a straight angle is _____

   (i) 108 degree   (ii) 45 degree   (iii) 65 degree   (iv) 30 degree

d) The perimeter of a square is 24 cm, so its side will be _____

   (i) 6 cm   (ii)8 cm   (iii) 10 cm   (iv)12 cm

e) Fill in the box $\frac{6}{7}=\frac{36}{}$

   (i) 42   (ii) 56   (iii) 63   (iv) 90

Q.2. Fill in the blanks:

(a) The perimeter of a square of side 8cm_____

(b) Successor of the smallest 9 digit numeral _____

(c) Two rays with common end point form an _____

(d) 2 digit number that look the same on half turn_____

(e) The cost of 1Kg potato is Rs.16, so the cost of $5\frac{1}{4}$ Kg potato =Rs. _____
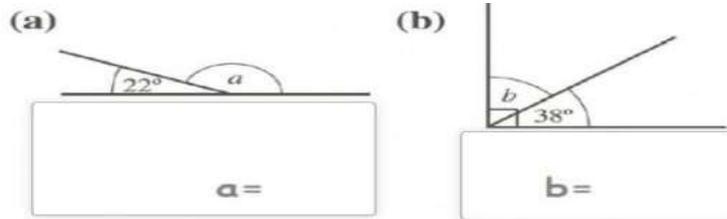
Q.3. Match the following:

(a) The formula for perimeter of rectangle is	(i) 16 Km
(b) The kind of angle formed at 11:25	(ii) H
(c) Fifty crore four hundred ninety two	(iii) 2(l+b)
(d) The alphabet that look the same on half turn	(iv) Obtuse angle

(e) $\frac{4}{9}$ of 36 Km   (v) 500000492

Q.4. The log boat travels about 8 Km in one hour. How long will they take to go a distance of 24 Km?

Q.5. Find the unknown angle:

(a)   (b)

a=   b=

Q.6. Here is a rectangle of area 20 square cm.

Draw one straight line in this rectangle to divide it into two equal triangles. What is the area of each of the triangles?
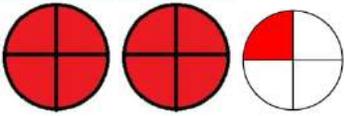
Q.7.Look at the price list:

Item	Price in Rs.(per Kg)
Potato	Rs.16
Tomato	Rs.20
Onion	Rs.10

Find the cost of the following:

(a)How much does $2\frac{3}{4}$ kg of tomato cost?

(b) How much does $5\frac{1}{2}$ Kg potato cost?

Q.8. Look at the figures. Write improper and mixed fractions for each figure:-

Figure	Improper Fraction	Mixed Fraction

Q.9. What will have a larger perimeter? A square with side 9 cm or a rectangle with length=12 cm and breadth =9 cm.

Q.10. Weight of 25 oranges is 1 kg. How many oranges will be there in $6\frac{3}{5}$ kg?

Q.11. Draw what the following shapes will look like on ¼ turn and half a turn.

Shape	On ¼ turn	On half turn

SECTION-B

SUBJECTIVE PART

Q.12. Look at the price of following fish:

- The cost of 1Kg sardines –Rs.90
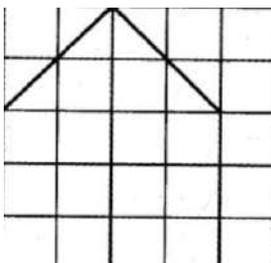- The cost of1 Kg Sword fish- Rs.60
- The cost of 1 Kg Prawns-Rs.150

Answer the following questions :-

(a) Radha had sold 25 kg Prawns. How much money did she get for that?

(b) Saanvi sold 9 kg sword fish. Riya has earned as much money as Saanvi. How many kilograms of Sardines did Riya sell?

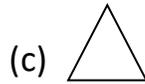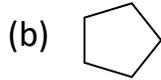Q.13. Construct the following angles using protractor:-

(a) 150°
(b) 45°

Q.14. Advika drew two sides of a shape. She asked Kashvi to complete the shape with two more sides; so that its area is 10 square cm. Kashvi had to complete the shape in two different ways. What are those two ways?

Q.15. Rishika had a chocolate bar having 18 pieces. She gave one-sixth of it to Astha, one- third to Sugandha and one-ninth to Rashmi. She ate the remaining part. How many pieces of chocolate did each get? What part of the chocolate did Rishika eat?

Q.16. Draw the shapes showing rotation by quarter of a turn ($\frac{1}{4}$ turn):

(a) ⇨   (b) ⬠   (c) △

Q.17. Express as fraction:
(a) 12 hours as fraction of a day
(b) 35 minutes as fraction of an hour.
(c) 150 grams as fraction of a kilogram.

Q.18. Mangalore Express coming from Mangalore and going to Thiruvananthapuram was running late by half an hour. The right time is quarter past 5.
(a) What time is the train expected to come today?
(b) Advika gets off at a station after $3\frac{1}{4}$ hours from this station. What time will she get off?
(c) Sahil will take 7 hours to reach Ernakulum by this train. At what time will he reach there?

Q.19. (a) Draw 2 English alphabets and 2 numbers that look the same after being rotated by half a turn.

(b) Draw the other half of the each symmetrical shape:

Q.20. Fill in the blank to complete the table:

Perimeter	Length	Breadth
30 cm	9 cm	
44 cm		15 cm
	16 cm	19cm
26 cm	9 cm	

Q.21. The table shows the speed of each type of boat, which is how far each boat goes in one hour. Look at the   table and calculate:
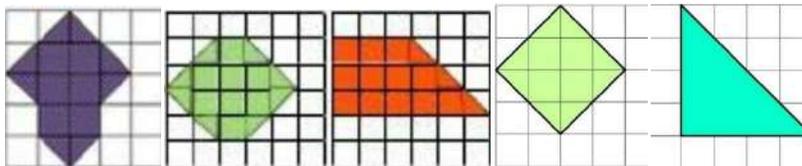
Type of boat	Catch of fish in one trip (in kg)	Speed of the boat (how far it goes in one hour)
Log boat	20	4 km per hour
Long tail boat	600	12 km per hour
Motor boat	800	20 km per hour
Machine boat	6000	22 km per hour

(a) About how much fish in all will each type of boat bring in eight trips?
(b) About how far can a motor boat go in 15 hours?
(c) If a long tail boat has to travel 60 km how long will it take?

Q.22. Try and change the shape in such a way that the new shape remains the same on giving it a half turn.
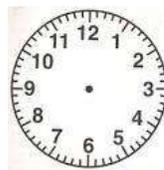
Q.23. Find the area of the given shapes by counting square method:-

Q.24.(a) Solve:

    i) $\frac{1}{2}$ of a right angle

    ii) $\frac{1}{3}$ of a right angle

    iii) 2 times of a right angle

(b)   i) Draw the hands of the clock when they make acute angle.

    ii) Draw the hands of the clock when they make straight angle.