



परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society

टर्म-1/आवधिक परीक्षा-2 2023-24 Term-I/PT-II Examination 2023-24

कक्षा/Class : V

अवधि/ Duration: 3 Hours

विषय/Subject : Mathematics

अधिकतम अंक/Maximum Marks : 80

To be filled by the student

Unique Examination No: _____

Class /Sec.:_____ Date of Examination: _____ Day of Examination: _____

Name of the School: _____

Invigilator's Sign: _____

To be filled by the teacher

Marks Obtained

Total Marks

Examiner's Sign: _____ Cross checker Sign: _____

Exam I/C Sign: _____

General Instructions:

- ❖ This paper consists of four sections: A,B,C and D.
- ❖ Each section carries 20 marks.
- ❖ All sections are compulsory.
- ❖ Marks for questions are indicated against each.
- ❖ Use of any electronic gadget (e.g. calculator, mobile phones etc.) is not permitted.

SECTION: A (20 MARKS)

A I. Choose the correct option.

(1X6=6)

1. The length of the boundary of a shape is _____.

- a) area b) perimeter c) volume d) square cm

2. Quarter past eleven can be written as _____.

- a) 12:15 b) 10:45 c) 11:45 d) 11:15

3. Which one has the biggest area?

- a) Coin b) ten rupees note c) palm d) my maths textbook

4. An angle tester is also called as _____.

- a) Protractor b) divider c) scale d) compass

5. Which shape will look same after $\frac{1}{4}$ turn?

- a)  b)  c)  d) 

6. Total number of angles in alphabet “**K**” is _____.

- a) 7 b) 1 c) 3 d) 2

A II. Do as directed.

(2X5=10)

1. Write in numerals for the given number name:

a) Nine lakhs forty-five thousand eight hundred fifty.

b) Five crore sixty-one lakh three thousand one hundred ninety-nine.

2. Draw the following angles using protractor.

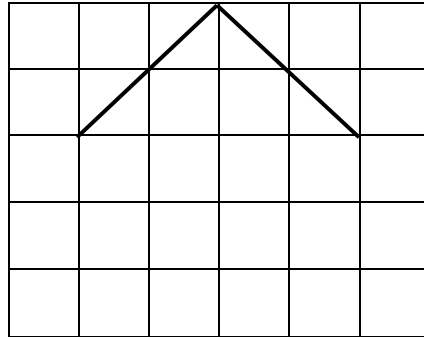
a) 120°

b) 45°

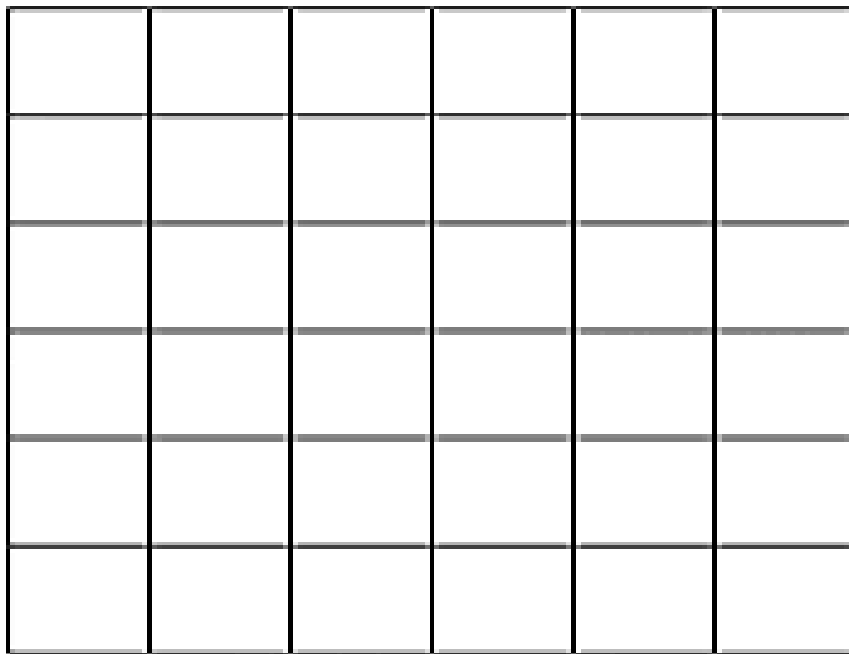
3. Write the factors of 24.

_____, _____, _____, _____,

4. Two sides of a shape are drawn here. Complete the shape by drawing two more sides so that its area is equal to 10 square cm.



5. On a square grid of 36 squares, shade the following:-



- $\frac{2}{4}$ Green = _____ Squares
- $\frac{1}{3}$ Red = _____ Squares

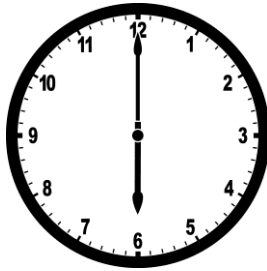
A III. Do as directed.

(1X4= 4)

1. Name the angle made by the hands of the clock.









SECTION: B (20 Marks)

BI. Fill in the blanks.

(1X6=6)

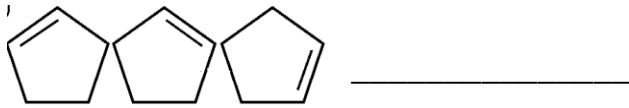
1. Unit of measuring an angle is _____.

2. Every number is a multiple of _____.

3. "Z" after $\frac{1}{4}$ turn looks _____.

4. A two-digit number which reads the same after half a turn is _____.

5. Complete the pattern



6. The least common multiple of 2 and 7 is _____.

BII. Do as directed.

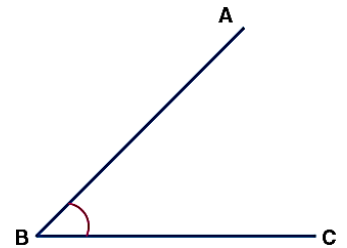
(2X5=10)

1. Look at the figure and answer the following questions.

a) Vertex of $\angle ABC$ is _____.

b) The angle formed is an _____ angle.

c) The arms of the angle are _____ and _____.

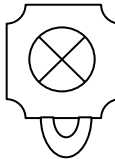
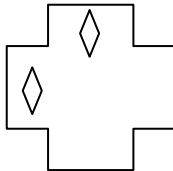


2. a) Here is a rectangle of 16 square cm. Draw one straight line in this rectangle to divide it into two equal triangles.










b) What is the area of each of the triangle?

3. Try and change the shapes in such a way that the new shape remains the same on giving it half a turn.

Old shape	New shape	Old shape	New shape
			

4. Look at the pattern and complete it.

5. A company has decided to give bonus to the employees at the end of every quarter of the year.

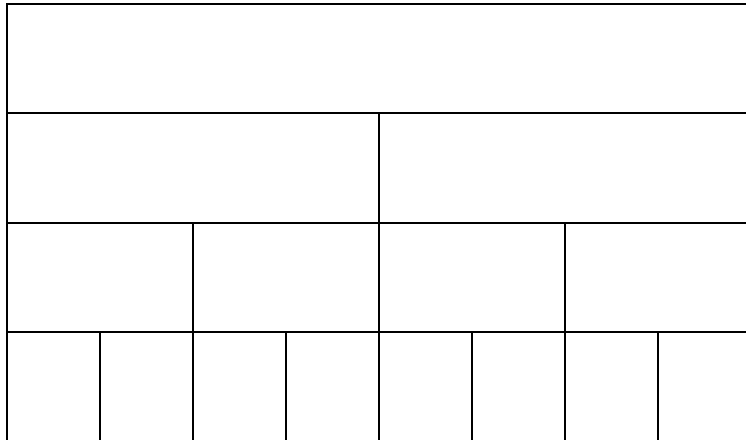
a) How many times will the employees get bonus in one year?

b) Which are the months for giving bonus?

B III. Do as directed.

(1X4=4)

1. Look at the picture and write the part for each piece.



a) How many one-fourths will make a half?

b) How many $\frac{1}{8}$ are in $\frac{1}{2}$?

c) How many $\frac{1}{8}$ will make $\frac{1}{4}$?

d) How many halves will make a whole?

SECTION:C (20 Marks)

C I. Write 'True' for the correct statement and 'False' for the incorrect statement.

(1x4=4)

1) MOW will not look same after a half turn. _____

2) Shiv has Rs 100. He spends one-fourth of the money. Now he has only Rs 75.

3) Five 50 paise makes 6 rupees. _____

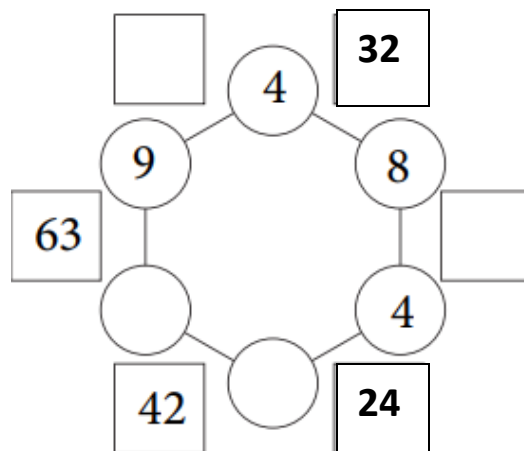
4) Smallest common multiple of 4 and 6 is 12. _____

C II. Do as directed.

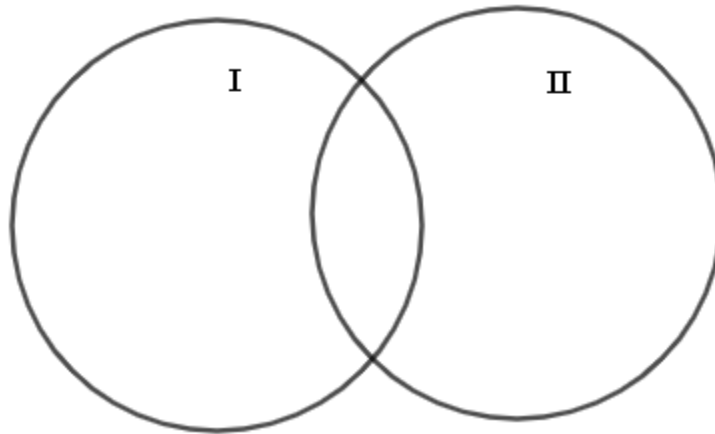
(2X6=12)

1. Rohit took a loan of Rs 48,000 to buy a motor boat. They paid back a total of Rs 60,000 in one year. How much did they pay back every month?

2. Complete the hexagon by finding the rule.



3. Write the factors of 16 in circle I and 20 in circle II. Write the common factors in the middle.



4. Riya took some pebbles. She made groups of five with them, and found that one seed was left over. She tried making groups of six and groups of four. Each time one seed was left over. What is the smallest number of pebbles that Riya had?

5. Fill the given square using all the numbers from 46 to 54.

Rule: The total of each line is 150.

53		
	50	54
51		47

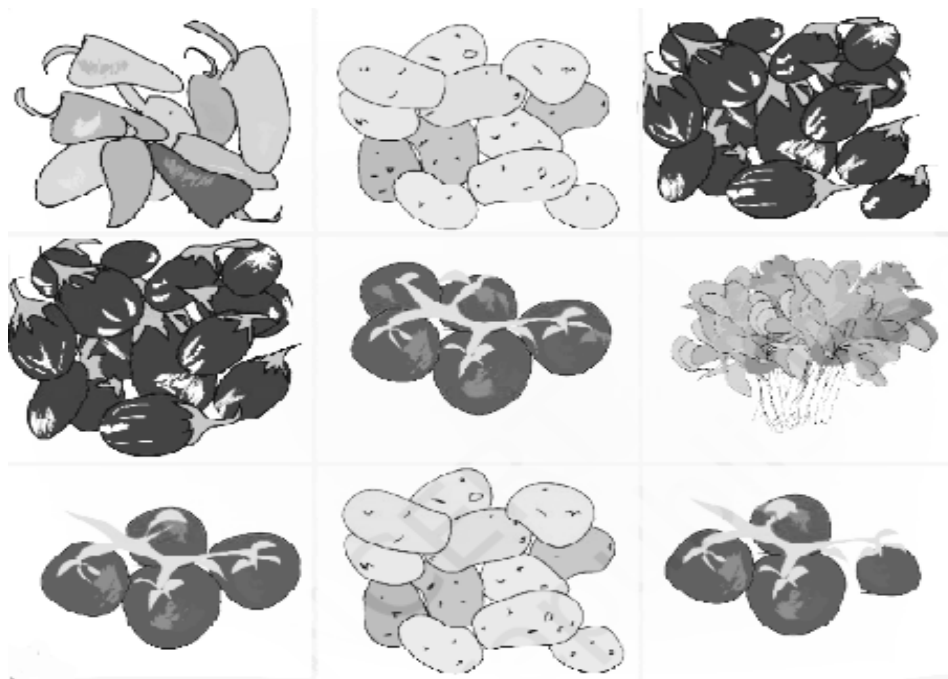
6. Circle the English alphabets that will look same after half a turn.

H L A M C K O
P U W Z G T S

C III. Answer the following

(1 × 4 = 4)

1. Laxman's vegetable farm has 9 equal parts.



i) Which vegetable grows in the biggest part of his field? What part?

Vegetable _____ Part (fraction) _____

ii) On what part of the field does he grow potatoes?

iii) What part of the field is used to grow spinach?

iv) What part of the field is used for brinjals?

SECTION D (20 MARKS)

D I. Write the correct answer in the box provided.

(1X4=4)

a) Half of a right angle.

b) $50,00,000+4,00,000+80,000+7,000+100+50+8=$

c) The perimeter of a square is 8 cm. The side of the square is

d) Simplest form of $25/50$ is

D II. Do as directed.

(2x6=12)

1. In a garden, there is a path with three consecutive rows of tiles. The first row is tiled with 5 feet tiles, the second row with 3 feet tiles, and the third row with 2 feet tiles. If no tile is cut what is the shortest length of the path?

2. Look at the table given below and answer the following questions-

Type of Boat	Catch of fish in one trip (kg)	Speed of the boat per hour
Machine Boat	7000	24 km per hour
Long tail boat	800	22 km per hour

a) About how much fish will machine boat bring in 5 trips?

b) If a long tail boat has to travel 110 km, how long will it take?

3. Observe the pattern carefully and write next two steps:

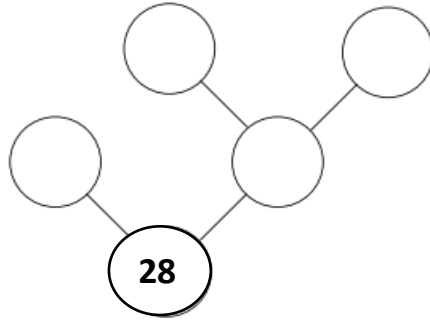
$$1 \times 1 = 1$$

$$2 \times 2 = 1 + 2 + 1$$

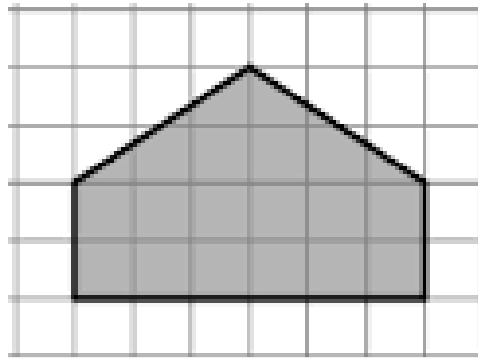
$$3 \times 3 = 1 + 2 + 3 + 2 + 1$$

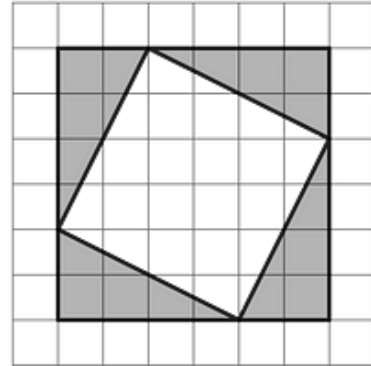
$$4 \times 4 = 1 + 2 + 3 + 4 + 3 + 2 + 1$$

4. Complete the given factor trees.



5. Find the area (in cm square) of the following by counting the squares of the shaded part.





6. Write four common multiples of 4 and 6.

Multiples of 4 - _____

Multiples of 6 - _____

Common Multiples - _____

D III. Do as directed.

(1x4=4)

Look at the price list and answer the following questions.

Items	Price (in Rs per kg)
Apple	10
Melon	18
Papaya	12
Grapes	16
Orange	14

a) Kavita wants $2\frac{1}{2}$ kg of orange. How much will it cost?

b) How much does $1\frac{1}{4}$ kg grapes cost?

c) How much does 5 kg of apple will cost?

d) What is the price of $3\frac{3}{4}$ kg of papaya?
