

Atomic Energy Central School, Narora
Periodic Test-3 2018-19

Class :IV
Subject :Mathematics

Time : 1½ Hours
Marks : 40

To be filled by the student

Student's Name: _____

Class /Sec.: _____ Roll No.: _____

Date of Examination: _____

To be filled by the teacher

Invigilator's Sign: _____ Examiner's Sign : _____

Checker's Sign: _____ Marks Obtained: _____

General Instruction

This paper consists of: Section A: 8 marks

Section B: 8 marks

Section C: 11 marks

Section D: 13 marks

Section A: Knowledge (8 Marks)

A1 . Fill in the blanks

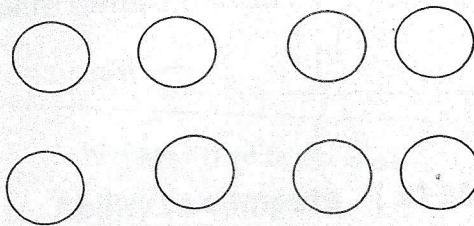
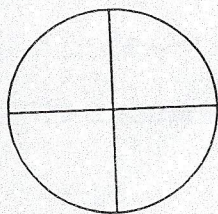
(4 Marks)

- 1) There are _____ halves in a whole .
- 2) To make the top spin well , we will make the hole in the _____
- 3) A quarter of a rupee = _____ paise,
- 4) _____ divides the circle into two equal halves.
- 5) A circle has only one _____.
- 6) The line segment which join centre to any point on the circle is called _____
- 7) The length of the circle is called its _____.
- 8) A half of half is _____.

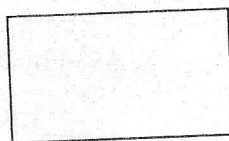
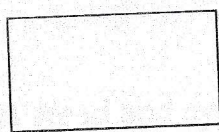
A2. Do as directed

(4 Marks)

1. Colour $\frac{1}{4}$ part of these shapes



2. Divide the rectangles in 4 equal parts in 2 different ways .



Section B: Understanding (8 Marks)

B 1.Fill in the blanks

(2 Marks)

- 1) If cost of half kg potato is RS 20 then cost of 1 kg potato will be Rs. _____
- 2) If NO is written as OP then YES will be written as _____
- 3) Half of 120 = _____
- 4) There are _____ ml in half a litre.

B2. Choose the correct option

(4Marks)

- 1) Bigger circle has _____ radius, (bigger , smaller)
- 2) A _____ can be used to make a circle. (egg , bangle , pencil box)
- 3) Diameter = _____ of radius . (half , twice)
- 4) _____ quarters make a whole . (2 , 3 , 4)
- 5) $\frac{1}{4}$ of 16 = _____ (4 , 12 , 16)
- 6) There are _____ radii in a circle . (one , two , many)
- 7) _____ makes the smallest circle . (1 rupee coin , cycle tyre , button)
- 8) There are 40 students in a class .Half of students do not like to eat samosa.
The number of students who like to eat samosa are _____. (20 , 30 , 40)

B3. Write True or False

(2 Marks)

- 1) 2 out of 4 parts means $\frac{1}{2}$. ()
- 2) The size of a circle changes with different radii. ()
- 3) A circle can have more than one radii. ()
- 4) $\frac{1}{2}$ is same as $\frac{2}{4}$. ()

Section C: Ability to compute (11 Marks)

C 1. Do as directed

(1 Mark)

- 1) The diameter of a circle is 14cm. Find its radius.

(2 Marks)

- 2) Read and develop the pattern

$$4 + 5 + 6 = 15$$

$$5 + 6 + 7 = 18$$

In each case the sum is grown by _____

(4 Marks)

- 3) complete the pattern

1) 713 , 824 , 935 , _____ , _____

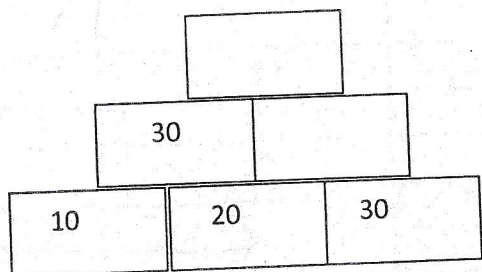
2) 18 , 27 , 36 , _____ , _____

3) ABC , BCD , _____ , _____

4) 566 , 556 , _____ , _____

- 4) Complete the number tower by seeing the rule

(2 Marks)



- 5) There are 48 mangoes. $\frac{1}{4}$ of them are ripe. How many mangoes are not ripe?

(2 Marks)

Section D: Problem solving ability (13 Marks)

D1. Solve the problems

1) 25 5 19 is secret message for YES .

(1 Mark)

Using the same rule write secret message for MATHEMATICS _____

1 KG

500g

250 g

100 g

200 g

50 g

2) Choose the weights above to make the weight of

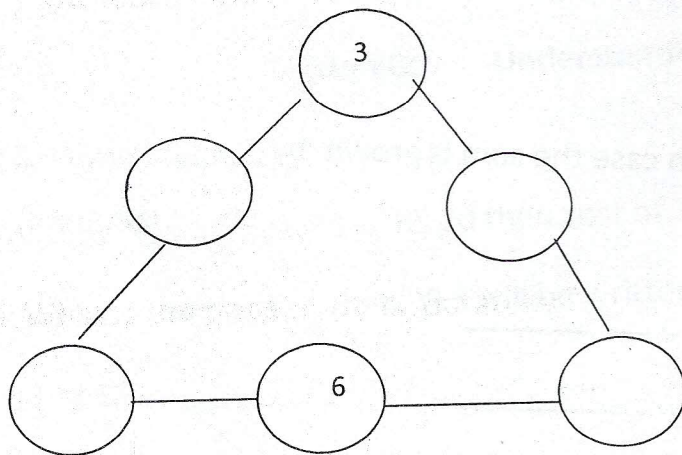
(2 Marks)

1) 2 kg = _____

2) $\frac{3}{4}$ kg = _____

3) Fill numbers 1 to 6 so that sum of each side of this triangle is 9

(2 Marks)



5) Continue the pattern

(2 Marks)

AB 10	BC 20	CD 30	
104	205	306	

6) Draw a circle of radius 2 cm and mark its centre as O and radius as OA.

(2 Marks)

7) Look at the price list and answer

(2 Marks)

ITEM	PRICE PER KG
Tomato	Rs 12
Potato	Rs 20

1) How much does half kg tomato cost ?

2) What is the price of $\frac{3}{4}$ kg potatoes ?

8) Name the following

(2 Marks)

Radii = _____ , _____

Diameter = _____

Chord = _____

