# D AV PUBLIC SCHOOLS, BHUBANESWAR TERM – II EXAMINATION (2018-2019) CLASS- IV SUBJECT-MATHEMATICS

## **TIME-2 Hours**

#### **Full Marks-50**

#### **General Instruction:**

- All the questions are compulsory.
- This question paper has 4 sections.
- Section A contains 1 mark questions.
- Section B contains 2 mark questions.
- Section C contains 3 mark questions.
- Section D contains 4 mark questions.
- Verify your answers thoroughly.

#### SECTION-A

#### 1. Fill in the blanks:

- a) 1120 g \_\_\_\_\_ 1 Kg 20 g. (use <, = or > sign)
- b)  $1 l 320 ml = ____m ml.$
- c)  $1\frac{4}{5} = \frac{?}{2}$  (Change into improper fraction)
- d) The perimeter of a triangle whose each side measures 4m is \_\_\_\_\_
- e) Volume of a cube with edge 1m is \_\_\_\_\_ cu.m.
- f) Area of a rectangle whose breadth is 9m and length is 2m more than breadth is sq.m.
- g) The next number in the pattern 25, 20, 200, 195, 1950, is \_\_\_\_\_.
- h) The biggest unit of capacity is \_\_\_\_\_
- i) The number which is odd in the pattern 10, 15, 20, 22, 30, 35 is \_\_\_\_\_
- J) 9 kg is g more than 8 kg 250 g.
- 2. Choose the correct answer:

>

3

0

2

2

3

a) A clock loses 6 minutes in every hour. It was set right today at 2:00 am. What time will it show when the time is actually 7:00 am on the same day?

i) 6:30 am ii) 1:50 am iii) 7:30 am iv) 2:30 am

b) Sanchita's father is four times as old as Sanchita. If her father is 48 years old, then how old is she?

i) 16 yearsii) 12 yearsiii) 192 yearsiv) 8 yearsc) The smallest 4-digit number using digits 9, 0, 5 and 4 only once is-i) 9045ii) 0459iii) 9054iv) 4059

 $(10 \times 1 = 10)$ 

 $(5 \times 1 = 5)$ 

d) The figure which represents  $\frac{1}{2}$  of the shape



e) 60 X 50 is same as i) 300 ii) 3000

iii) 3500

is-

iv) 3100

#### **SECTION-B**

## 3. Answer the following questions:

- a) Add 345g with 1129 g and write the result in kg and g.
- b) Find the difference between 444 *l* 44 m*l* and 721 *l* 31 m*l*.
- c) Find the equivalent fraction of  $\frac{2}{5}$  with i) numerator 12.

#### ii) denominator 45.

- d) Find the volume of a cuboid whose dimensions are given below:Breadth = 4 m ,Length = 7 m, height = 2 m
- e) Find the area of a rectangle whose length=1m and breadth=45cm.
- f) Find the area of a square tile whose each side is 25 cm.

## **SECTION-C**

### 4. Answer the following questions:

(5×3=15)

 $(2 \times 4 = 8)$ 

 $(6 \times 2 = 12)$ 

- a) Mr. Sharma wants to repair a floor of length 12m and breadth 8m. The repair costs Rs.80 per square metre. Find the amount of money he will spend on repairing the floor.
- b) Half of a cubical box with edge 8m is filled with sand. Find the volume of sand.
- c) One basket holds 7 kg 750 g of apples and another holds 6 kg 550 g of apples. Find the total weight of apples in these two baskets. Convert it into grams.
- d) i) Write three equivalent fractions of  $\frac{4}{r}$ .
  - ii) Change  $\frac{62}{11}$  into mixed number.
- e) Arpit who is overweight is advised by his doctor to go for morning walk daily to reduce weight. He walks around a rectangular park of length 60m and breadth 40m everyday. Find the distance covered by him daily. Write a value you learnt from Arpit.

#### **SECTION-D**

- 5. Answer following questions:
- a) Harish purchased a tin containing 18 *litres* oil. If 2 *l* 560 m*l* of oil is wasted due to leakage and 9 *l* 880 m*l* is used by him ,find the quantity of oil left in the tin.
- b) Roshni had 200cm of lace. She stitched it around the boarder of 3 square handkerchiefs of equal size. Find the length of lace left with her if each side of square handkerchief measures 12cm.