

D.A.V. PUBLIC SCHOOLS, BHUBANESWAR
TERM – II EXAMINATION (2019-2020)

CLASS- IV

SUBJECT- MATHEMATICS

TIME- 2 HOURS

MAXIMUM MARKS - 50

GENERAL INSTRUCTIONS:

- All the questions are compulsory.
- This question paper consists of 4 Sections – A, B, C, and D.
- Section A contains 1-mark questions(15 nos), Section B contains 2-mark questions(6 nos), Section C contains 3-mark questions(5 nos) and Section D contains 4-mark questions(2 nos).
- Verify your answers thoroughly.

SECTION – A

1. Fill in the blanks.

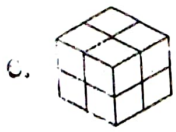
(1 × 10 = 10)

- a. The number of kilograms is multiplied by _____ to convert it into grams.
- b. The fractions which have the same value are called as _____ fractions.
- c. The volume of a matchbox of length = 4 cm, height = 1 cm and breadth = 2 cm is _____.
- d. Complete the pattern: 5, 9, 13, 17, 21, _____, _____.
- e. 1, 3, 9, 27, 81, 243, 729. Find the rule for the given pattern: _____.
- f. $\frac{7}{13}$ of 65 is _____.
- g. $\frac{8}{21} + \frac{5}{21} - \frac{2}{21} =$ _____.
- h. A quadrilateral is a polygon with _____ sides.
- i. Write the fraction $\frac{11}{8}$ in words: _____.
- j. 30 kg 12 g = _____ grams.

2. Choose the correct answer.

(1 × 5 = 5)

- a. 3 litre 30 ml
(i) 3030 ml (ii) 3003 ml (iii) 3300 ml (iv) None of these
- b. $\frac{15}{7}$ is a _____ fraction .
(i) mixed (ii) proper (iii) improper (iv) unit
- c. Reena covered a distance of 600 metres by running around a square garden once. The length of a side of the garden is _____.
(i) 200 m (ii) 150 m (iii) 300 m (iv) 100 m
- d. The best unit of measuring area is _____.
(i) cube (ii) rectangle (iii) square (iv) cuboid



c. The volume of the given figure is _____.

- (i) 5 cubes (ii) 7 cubes (iii) 6 cubes (iv) 8 cubes

SECTION - B

(2 × 6 = 12)

3. Answer the following questions.

- Find the difference between 201 kg 50 g and 127 kg 700 g.
- Find the sum of 30 L 30 ml, 145 L 150 ml and 29 L 890 ml.
- Change $7\frac{8}{12}$ into an improper fraction.
- Find the area of a terrace of length 23 m and breadth 19 m.
- Calculate the area of a square swimming pool whose side is 29 metres.
- An edge of cubical tank measures 11 m. What will be the volume of that tank?

SECTION - C

(3 × 5 = 15)

4. Answer the following questions.

- Rishi is carrying 2 luggage. Red bag weighs 21 kg 380 g and green bag weighs 12 kg 800 g. How much is the green bag weighs less than the red one?
- Write 3 equivalent fractions for $\frac{7}{9}$.
- Piyu needs to make 2 triangular photo frames. The length of three sides of a triangular frame is 16 cm, 15 cm and 22 cm. How much is the total length of the frame she requires?
- On the occasion of Republic day, class IV students cleaned their school field which measures 25 m length and 20 m breadth.
 - Find the area of the field cleaned by the students.
 - Define the value reflected by them.
- Which of the following has more volume?
Cubical lunch box of edge 6 cm or Cuboidal lunch box of length 9 cm, breadth 8 cm and height 3 cm.

SECTION - D

5. Solve the problems.

(4 × 2 = 8)

- Minnie collected 100 litres of rain water in a barrel. She used 25 L 450 ml of it for washing clothes and 22 L 700 ml again for cleaning vessels. How much of rain water is left in the barrel now?
- Diya jogs around a square park 3 times daily. If the length of a side of the park equals 260 metres then find the distance covered by her daily.

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