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DAV PUBLIC SCHOOLS, BHUBANESWAR

ASSESSMENT -II 2017-18

CLASS - IV

SUB: MATHEMATICS

Time- 2hrs

Maximum Marks -50

General Instructions:

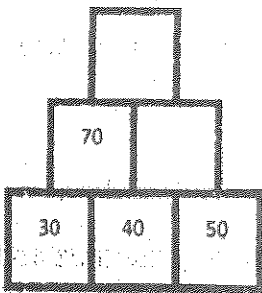
- All the questions are compulsory.
- This question paper has 4 sections.
- Section A contains 1 mark questions, Section B contains 2 marks questions, Section C contains 3 marks questions and Section D contains 4 marks questions.
- Verify your answers thoroughly.

SECTION -A

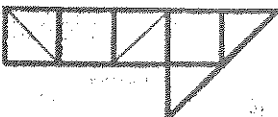
1. Fill in the blanks:

(1 x 10=10)

- a) The standard unit of weight is _____.
- b) Volume of a cuboidal box of dimensions 6 cm, 5 cm, 4 cm, is _____.
- c) Complete the following pattern.
200, 180, 160, 140, _____
- d) $\frac{5}{8} = \frac{35}{\underline{\quad}}$
- e) Complete the given number tower.



- f) A closed figure has 4 vertices. It must have _____ sides.
- g) $\frac{7}{15}$ of 75 is _____.
- h) The area of the figure is _____ square units.



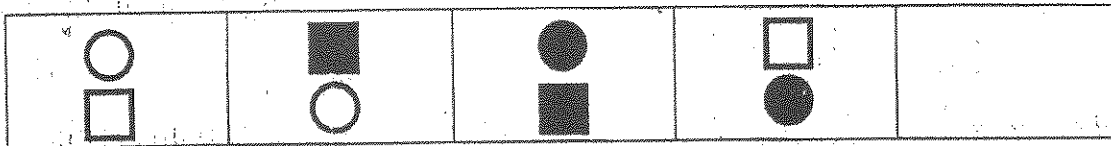
- i) 20020 ml = _____ l _____ ml.
- j) Perimeter of a triangle of sides 6 cm, 7 cm, and 5 cm is _____.

2. Choose the correct option:

(1 x 5=5)

- a) The greatest 4 digit number using the digits 7, 9, 0, 5 is _____.
- (i) 7905 (ii) 9705 (iii) 9750 (iv) 5079
- b) The mirror image of the word 'SCHOOL' is _____.
- (i) 20H00J (ii) 100H02 (iii) LOOHCS (iv) 100HCS
- c) Correct time is 12:25. A clock is slow by 10 minutes. What time will the clock show?
- (i) 12:05 (ii) 12:15 (iii) 12:35 (iv) 12:25
- d) My age is 12 years, my father's age is two years more than my mother's age. My mother's age is three times the age of mine. What is the age of my father?
- (i) 32 (ii) 36 (iii) 40 (iv) 38

e) Complete it:



- (i)  (ii)  (iii)  (iv) 

SECTION -B

3. Answer the following questions :

(2 x 6=12)

- a) Length of a rectangle is 60 m. Find its breadth if area of the rectangle is 1440 sq.m.
- b) i) Change $\frac{15}{42}$ into an equivalent fraction with denominator 14.
ii) Change $\frac{3}{8}$ into an equivalent fraction with numerator 45.
- c) Convert 290 kg 470 g into gram.
- d) Subtract 263 l 750 ml from 500 l.
- e) Find the area of a rectangular field of length 32 m and breadth 1800 cm.
- f) The edge of a cubical box is 8 cm. Find the volume of the box.

SECTION – C

4. Answer the following questions :

(3 x 5=15)

- a) Shikha's bag weighs 17 kg 200 g. Ganesh's bag is 500g heavier than Shikha's bag. How much does Ganesh's bag weigh? Find the total weight of both the bags also.
- b) Do as directed –
- i) Convert $\frac{472}{15}$ into mixed fraction.
 - ii) Convert $23\frac{5}{6}$ into improper fraction.
- c) The perimeter of a square is equal to the perimeter of a rectangle of length 72 m and breadth 40m. Find the length of each side of the square.
- d) A Mathematics book has a length of 28 cm, breadth 21cm and height 2 cm. Find the volume of 12 such Mathematics books.
- e) A farmer had a piece of land having area 15400 sq. m. From this he irrigated a rectangular piece of land having length 120 m and breadth 90 m. Hitesh saw that the farmer was tired so Hitesh tried to help him irrigate the remaining field.
- i) How much field was irrigated by Hitesh?
 - ii) Which value is reflected by Hitesh?

SECTION – D

5. Answer the following questions :

(4 x 2=8)

- a) A shopkeeper purchased 30 l 50 ml of mineral water on the first day, 35 l 200 ml on the second day and 28 l 100 ml on the third day. What is the total quantity of mineral water purchased on the three days? He sold 80 l 720 ml of mineral water. How much mineral water is left with him?
- b) Rita stitched a lace border on a rectangular scarf whose length is 60 cm and breadth is 40 cm. What length of lace did she use if she stitched 3 such scarves?