INDIAN SCHOOL SOHAR
TERM –II EXAM (2023 – 24)
SUBJECT: MATHEMATICS
CLASS - V
SET –A

Date of Exam: 12-03-2024
Time Allotted: 2 hours

Max. Marks: 40

SECTION A

Q1. Choose the correct option: $(1 \times 5 = 5)$

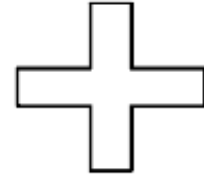i. Find C.P, if S.P. = ₹5500 and profit = ₹1500

   A) ₹ 7000   B)₹ 2000   C) ₹ 4000   D)₹ 3000

ii. A factory produces 4500 toy cars in 15 days. How many toy cars would produce in one day?

   A) 250   B) 275   C) 280   D) 300

iii. How many right angles are shown in the given figure?

   A) 8   B) 10   C) 12   D) 14

iv. How many circles can be drawn with a given centre?

   A) one   B) infinite   C) two   D) four

v. How many times of 750g will make 3kg?

   A) 5   B) 12   C) 8   D) 4

Q2. Fill in the blanks: $(1 \times 5 = 5)$

i. 4 L 600 mL + 400 mL = _____ mL

ii. The perimeter of a square field of side 15 cm is _____.

iii. The diameter of a circle whose radius is 4.6 cm is _____.

iv. An article costing ₹75 is sold for ₹135. The profit earned is _____.

v. The number of times a particular observation occurs in the data is called its _____.

Q3. Match the following: (1 × 5= 5)

Column A	Column B
i. 8 cm -8 mm	360^0
ii. $\overline{AB}$	22.5 cm
iii. A complete angle measure	Sum of the lengths of all its sides
iv. Radius of a circle whose diameter is 45 cm	Line Segment AB
v. Perimeter of a polygon	72 mm
	180^0

SECTION B

Q4. Do as directed: (2 × 6= 12)

i. Convert into percentages. i) 0.25   ii) $\frac{17}{25}$

OR

Convert into decimals.   i) 124 %   ii) 9.6 %

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ii. Draw an acute angle and an obtuse angle with label.

OR

Draw a circle and label the given parts. a) chord   b) diameter   c) arc

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iii. The perimeter of A4 size paper sheet is 45.92 inches. If its length is 11.69 inches, find its breadth.

OR

The perimeter of a square is 48 cm. Find its area.

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iv. Subtract 10 L 255 mL from 16 L 490 mL.

OR

Multiply 18 kg 5 hg 6 dg by 14

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v. Convert 7908 kg into hg, dag, g and dg

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vi. a) How many litres make one kilolitre?

b) How many decametres make one kilometre?

SECTION C

Q5. Do as directed: **(3 × 3= 9)**

i. a) The cost of 6 kg apples ₹300. How many kg of apples can be purchased for ₹500?

   b) Find profit/loss: C.P =₹ 3000, S.P =₹ 3200, Overhead charges =₹ 300

ii. The marks scored by 10 students of a class are as follows: Find the average marks
    of the class.   12, 25, 16, 9, 14, 5, 8, 16, 12, 10

iii. Which of the following solid shapes have a greater volume?
     a) Volume of a cubical box whose each side measures 7 cm.

    b) Volume of a cuboidal carton of length 8 cm, breadth 4 cm and height 6 cm.

SECTION D   **(1 × 4 = 4)**

Q6. The following data shows the daily sale of T.V. sets in a shop for 7 days of a week.
    Draw a bar graph for the following data.

Days	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
No. of T.V sets	30	25	20	15	18	15

Read the above case and answer the following questions:

i). How many T.V sets sold on Tuesday and Friday?

ii). In which two days have equal number of sales?

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