INDIAN SCHOOL SOHAR
TERM – II EXAM (2022 - 23)
SUBJECT: MATHEMATICS
CLASS - IV

SET – A

Date of Exam: 12-03-2023

Time Allotted: 2 hours   **Max. Marks: 40**

(Note: This question paper consists of 3 printed pages. Please check that you have all the pages.)

SECTION -A

Q.1 Choose the correct answer from the given options.   **(1x 10 = 10)**

i.   What is the standard unit of length?

   A) kilometre   B) millimetre   C) metre   D) centimetre

ii.   Find the perimeter of a square of side 8cm.

   A) 32cm   B) 24cm   C) 20cm   D) 30cm

iii.   What is the difference between 545 km 300 m and 345 km 200 m?

   A) 300 km100 m   B) 300 km 50 m   C) 200 km 100 m   D) 990 km 500 m

iv.   Calculate the perimeter of a rectangle with length 7cm and breadth 5cm.

   A) 13 cm   B) 25 cm   C) 24 cm   D) 26 cm

v.   Which of the following is the improper fraction of $5\frac{3}{7}$?

   A) $\frac{3}{7}$ B) $\frac{38}{7}$ C) $\frac{35}{7}$ D) $\frac{22}{7}$

vi.   Convert 04:30 hours to 12-hour clock format.

   A) 4:30 a.m.   B) 4:30 p.m.   C) 4:00 a.m.   D) 4:00 p.m.

vii.   Which among the following is the smallest unit of mass?

   A) kilogram   B) centigram   C) milligram   D) gram

viii.   Which of the following is the mixed fraction of $\frac{43}{5}$?

   A) $7\frac{3}{5}$ B) $6\frac{1}{5}$ C) $8\frac{3}{5}$ D) $3\frac{8}{5}$

ix.   Find the sum of 640 kg 425 g and 310 kg 175 g.

   A) 960 kg 600 g   B) 950 kg 600 g   C) 960 kg 350 g   D) 900 kg 600 g

x.   How many millilitres make 6 litres?

   A) 60   B) 6   C) 600   D) 6000

Q.2 State whether the following statements are True or False. $(1 \times 5 = 5)$

i.   A bar graph helps to represent data in the form of pillars or bars.

ii. 900 *ml* of juice is greater than 1litre.

iii. The 12-hour clock format of 15:00 hours is 3:00 p.m.

iv. The space enclosed within a boundary is called area .

v.   4 centimetres = 400 millimetres

Q.3 Match the following. $(1 \times 4 = 4)$

Column A	Column B
i. $\dfrac{1}{8}, \dfrac{1}{6}, \dfrac{1}{10}$	a) Like fractions
ii. $\dfrac{12}{9}, \dfrac{11}{7}, \dfrac{9}{5}$	b) Unit fractions
iii. $\dfrac{2}{9}, \dfrac{4}{9}, \dfrac{7}{9}$	c) Mixed fractions
iv. $6\dfrac{1}{9}, 2\dfrac{4}{7}, 3\dfrac{3}{5}$	d) Improper fractions

SECTION- B

Q.4 Do as directed. $(2 \times 6 = 12)$

i.   Write 4 equivalent fractions of $\dfrac{5}{7}$.

ii. Draw a line segment of length 8cm 5mm.

iii. Convert to the 24-hour clock format.

    a) 11:10 a.m.

    b) 12 midnight

    c) 8:20 p.m.

    d) 12 noon.

iv. a) Arrange $\dfrac{5}{12}, \dfrac{7}{12}, \dfrac{11}{12}, \dfrac{2}{12}, \dfrac{10}{12}$ in ascending order.

    b) Subtract: $\dfrac{17}{19} - \dfrac{8}{19}$

v.   Rishi purchased $\dfrac{4}{17}$ kg brinjals, $\dfrac{3}{17}$ kg lemons and $\dfrac{8}{17}$ kg tomatoes. What is the total weight of vegetables bought by Rishi?

vi. Draw a clock face to show the time quarter past 9.

SECTION- C

Q.5 Solve.   **(3 × 3 = 9)**

i.   Convert the following measurement.

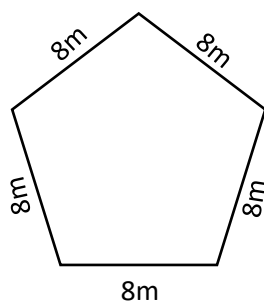a) 60254 *ml* to litres and millilitres

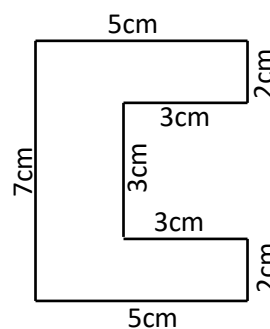b) 24 g 35 mg to milligrams

c) 50 km 8 m to metres

d) 4025 cm to metres and centimetres

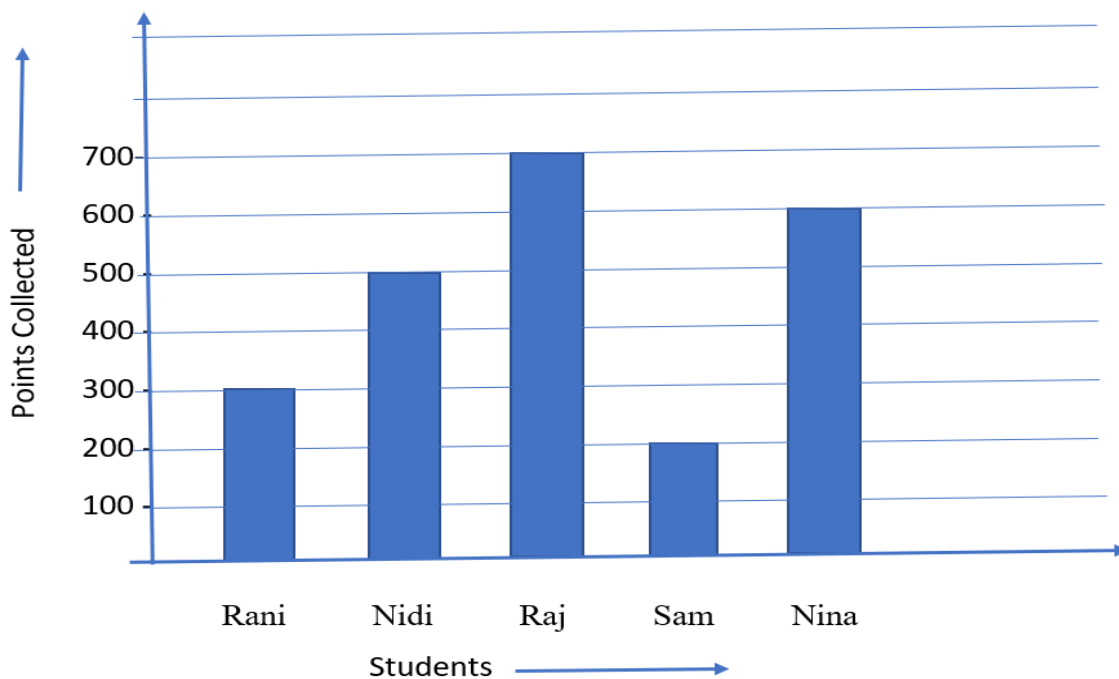ii. Find the perimeter of the given figures.

a)

b)

iii. Bar graph shows points collected by 5 students in a game. Read the graph and answer the questions that follow.

a) Who collected the maximum points in this game ?

b) Who collected the least points in this game?

c) What is the difference between the points collected by Nina and Rani?

d) What is the total score of Sam and Raj?