



**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.)**

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**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 × 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 × 4 = 4)**

**Column A**

**Column B**

i.  $\frac{1}{8}, \frac{1}{6}, \frac{1}{10}$

a) Like fractions

ii.  $\frac{12}{9}, \frac{11}{7}, \frac{9}{5}$

b) Unit fractions

iii.  $\frac{2}{9}, \frac{4}{9}, \frac{7}{9}$

c) Mixed fractions

iv.  $6\frac{1}{9}, 2\frac{4}{7}, 3\frac{3}{5}$

d) Improper fractions

**SECTION- B**

**Q.4 Do as directed.**

**(2 × 6 = 12)**

- i. Write 4 equivalent fractions of  $\frac{5}{7}$  .
- 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  $\frac{5}{12}, \frac{7}{12}, \frac{11}{12}, \frac{2}{12}, \frac{10}{12}$  in ascending order.  
b) Subtract:  $\frac{17}{19} - \frac{8}{19}$
- v. Rishi purchased  $\frac{4}{17}$  kg brinjals,  $\frac{3}{17}$  kg lemons and  $\frac{8}{17}$  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

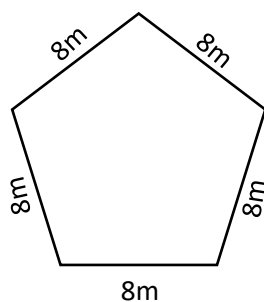
b) 24 g 35 mg to milligrams

c) 50 km 8 m to metres

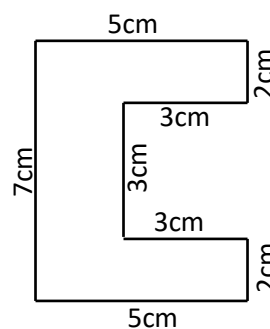
d) 4025 cm to metres and centimetres

ii. Find the perimeter of the given figures.

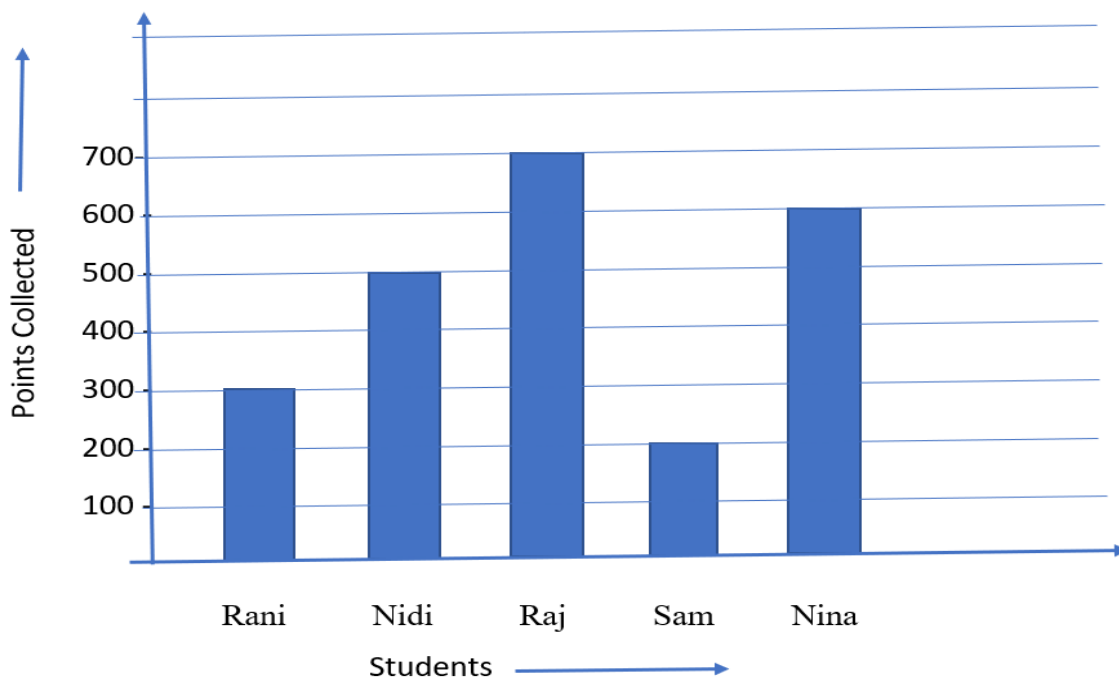
a)



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?



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**SECTION - A**

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

- i. How many millilitres make 5 litres?  
A) 50                      B) 5                      C) 500                      D) 5000
- ii. What is the difference between 645 km 300 m and 345 km 200 m?  
A) 300 km 100 m    B) 300 km 50 m    C) 200 km 100 m    D) 990 km 500 m
- iii. 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)  $\frac{22}{7}$
- iv. Find the perimeter of a square of side 6 cm.  
A) 23 cm                      B) 24 cm                      C) 20 cm                      D) 21cm
- v. What is the standard unit of length?  
A) kilometre                      B) millimetre                      C) metre                      D) centimetre
- vi. 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)  $3\frac{8}{5}$
- vii. Convert 05:30 hours to 12-hour clock format.  
A) 5:30 a.m.                      B) 5:30 p.m.                      C) 5:00 a.m.                      D) 5:00 p.m.
- viii. Which among the following is the smallest unit of mass?  
A) kilogram                      B) centigram                      C) gram                      D) milligram
- ix. Calculate the perimeter of a rectangle with length 8cm and breadth 5cm.  
A) 26 cm                      B) 25 cm                      C) 24 cm                      D) 13 cm
- x. Find the sum of 650 kg 425 g and 310 kg 275 g.  
A) 960 kg 700 g    B) 950 kg 600 g    C) 960 kg 350 g    D) 960 kg 600 g

**Q.2 State whether the following statements are True or False.**

**(1 × 5 = 5)**

- i. The space enclosed within a boundary is called area .
- ii. 900 *ml* of juice is greater than 1litre.
- iii. 3 centimetres = 300 millimetres.
- iv. A bar graph helps to represent data in the form of pillars or bars.
- v. The 12-hour clock format of 14:00 hours is 2:00 p.m.

**Q.3 Match the following.**

**(1 × 4 = 4)**

**Column A**

**Column B**

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

**SECTION- B**

**Q.4 Do as directed.**

**(2 × 6 = 12)**

- i. a) Arrange  $\frac{5}{12}, \frac{7}{12}, \frac{11}{12}, \frac{2}{12}, \frac{10}{12}$  in ascending order.  
b) Subtract:  $\frac{17}{19} - \frac{9}{19}$
- ii. Draw a clock face to show the time quarter past 10.
- iii. Rishi purchased  $\frac{4}{17}$  kg brinjals,  $\frac{3}{17}$  kg lemons and  $\frac{8}{17}$  kg tomatoes. What is the total weight of vegetables bought by Rishi?
- iv. Draw a line segment of length 7 cm 5 mm.
- v. Convert to the 24-hour clock format.
  - a) 10:10 a.m.
  - b) 12 midnight.
  - c) 9:20 p.m.
  - d) 12 noon.
- vi. Write 4 equivalent fractions of  $\frac{5}{7}$ .

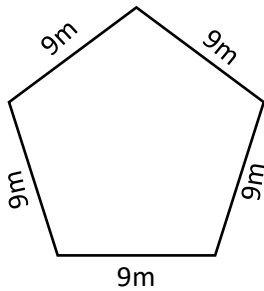
## SECTION- C

### Q.5 Solve.

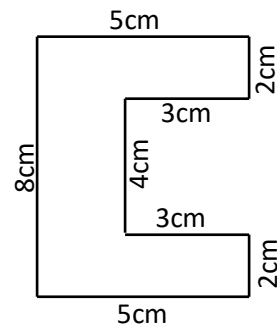
(3 × 3 = 9)

- i. Convert the following measurement.
  - a) 40254 ml to litres and millilitres
  - b) 34 g 25 mg to milligrams
  - c) 80 km 7 m to metres
  - d) 3025 cm to metres and centimetres
- ii. Find the perimeter of the given figures.

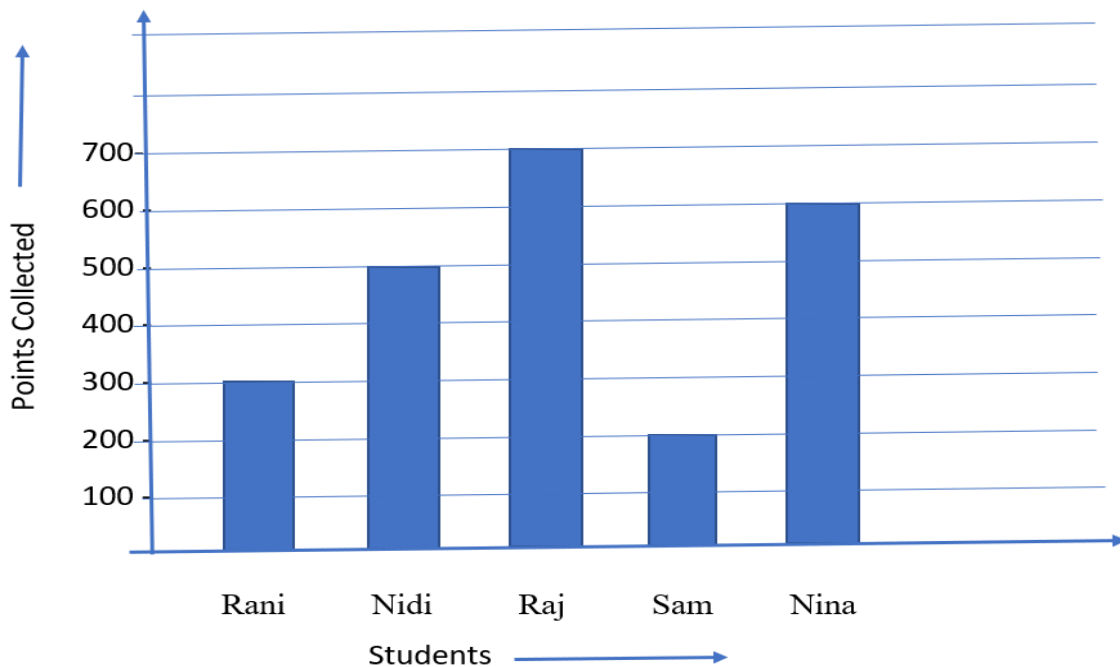
a)



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