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

Date of Exam: 05-03-2024
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

Q1. Choose the correct answer from the given options.   **(1 × 8 = 8)**
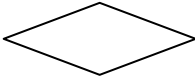
i. Which of the following is an improper fraction?

A) $\frac{1}{4}$ B) $\frac{17}{4}$ C) $\frac{3}{7}$ D) $\frac{4}{5}$

ii. What is the equivalent fraction of $\frac{2}{3}$ with a numerator of 10 ?

A) $\frac{10}{6}$ B) $\frac{10}{15}$ C) $\frac{10}{25}$ D) $\frac{10}{9}$

iii. How many grams make five kilograms?

A)   50   B) 500   C) 5000   D) 50000

iv. Which among the following is the smallest unit of capacity?

A) Kilolitre   B) Centilitre   C) litre   D) Millilitre

v. How many weeks are there in a year?

A) 54   B) 52   C) 50   D) 48

vi. If 2020 was a leap year, when will the next leap year occur?

A) 2021   B)2022   C) 2023   D) 2024

vii. What is the name of the graph with the horizontal and vertical bars?

A) Tally   B) Pictograph   C) Bar Graph   D) Pie Chart

viii.What is the name of the six-sided polygon?

A) Triangle   B) Pentagon   C) Heptagon   D) Hexagon

Q2. State whether the following statements are True or False.   **(1 × 5 = 5)**

i.   The taller in the bar graph has the greater value.

ii.   February 2024 has 29 days.

iii.   1 km = 10000 m.

iv.   A quadrilateral is a two-dimensional shape made up of four sides and four vertices.

v.   A combination of a whole number and a proper fraction is called mixed fraction.

Q3. Match the following: $(1 \times 5 = 5)$

Column A	Column B
i. $\frac{6}{11} + \frac{5}{11}$	a. Quadrilateral
ii.	b. 2 KL
iii. 20,000 dL	c. 12:05 am
iv. 0015 hrs	d. 1
v. 0005 hrs	e. 12:15 am

SECTION – B $(2 \times 8 = 16)$

Q4. Do as directed:

i. Add the following fractions .

a) $\frac{2}{15} + \frac{4}{15} + \frac{9}{15}$

b) $\frac{2}{10} + \frac{9}{10} + \frac{3}{10}$

(OR)

Subtract the following fractions .

a) $\frac{9}{12} - \frac{5}{12}$

b) $\frac{19}{25} - \frac{4}{25}$

ii. a) Find the first four equivalent fractions of $\frac{5}{9}$.

b) Convert $\frac{72}{7}$ to mixed fraction.

iii. Raju want to put a lace around his square shaped hand kerchief of side 15cm.

Find the length of the lace that he needs to buy.

iv. Convert the following as directed.
a) 36 km 420 m to metre. b) 6042 g to kilogram and gram .

v. Rinku jumped a height of 1 m 89 cm and Neelu jumped 1 m 43 cm. Who jumped higher and by how much?

vi. Convert the following as directed.
a) 11hours 12 minutes to minutes. b) 7 minutes 43 seconds to seconds.

vii. Add the following:
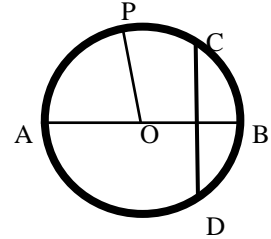   5 hour 24 minutes 40 seconds + 3 hour 30 minutes 12 seconds.

(OR)

   Subtract the following:
   10 hour 48 minutes 43 seconds - 7 hour 34 mins 25 seconds.

viii. Observe the figure shown alongside and fill in the blanks.
a) _____ is the centre of the circle.
b) _____ is the diameter of the circle.
c) CD is the _____ of the circle.
d) OP is the _____ of the circle.

SECTION-C $(3 \times 2 = 6)$

Q5. Solve:

i. a) Draw a circle of radius 4 cm and mark its centre as C.
   b) Find the diameter of a circle whose radius is 24cm.

ii. The following pictograph shows the favorite sports of the students of class IV.

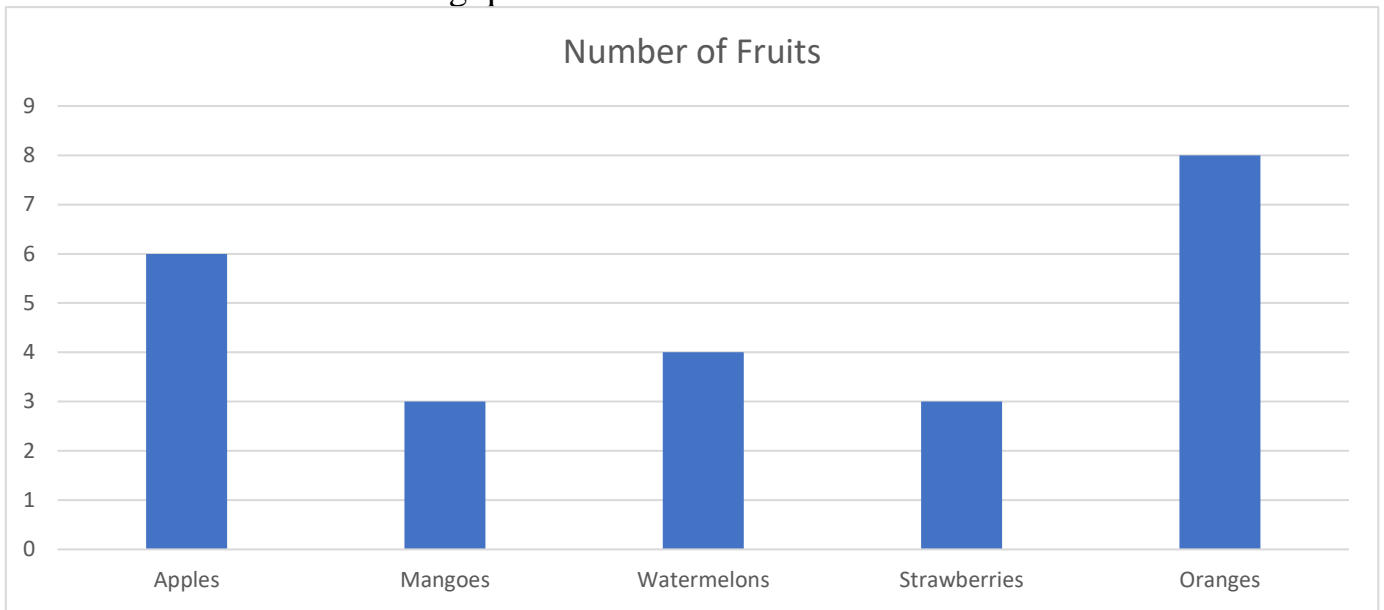| SPORTS	NUMBER OF STUDENTS
Basket Ball	⚽ ⚽ ⚽ ⚽
Volley Ball	⚽ ⚽
Badminton	⚽ ⚽ ⚽ ⚽ ⚽ ⚽ ⚽
Cricket	⚽ ⚽ ⚽
Base Ball	⚽ ⚽ ⚽ ⚽ ⚽

KEY:
1 ⚽ = 4 Students

Observe the pictograph and answer the following questions.
a)   How many students like cricket?
b)   Which is the most favorite sports liked by the students?
c)   Which sports is least liked by the students?
d)   What is the difference between the number of students those liked Basketball and Volley ball.
e)   How many students are there in class IV?

(OR)

Bar graph shows number of fruits purchased by Rahul from a shop. Read the bar graph and answer the following questions.

Number of Fruits

a) How many apples did Rahul purchase?
b) Is there any equal number of fruits purchased by Rahul? If so mention the name of the fruits.
c) What is the difference between oranges and watermelons bought by Rahul?
d) How many fruits did Rauhl bought in total?

All The Best