INDIAN SCHOOL SOHAR   SET I
PERIODIC TEST – II (2018 – 2019)
MATHEMATICS

CLASS: VI   **TIME: 45 Minutes.**
DATE: 9.1.2019   **MARKS: 20**

General Instructions:

- **All questions are compulsory.**
- **Section A** comprises 3 questions of 1 mark each , **Section B** comprises 2 questions of 2 marks each, **Section C** comprises 3 questions of 3 marks each and **Section D** comprises 1 question of 4 marks.

SECTION A

1. Write $\dfrac{8}{5}$ in decimal notation.

2. Find the equivalent fraction of $\dfrac{36}{48}$ with the numerator 9

OR

Draw a number line and show $\dfrac{3}{5}$ on it.

3. What is the place value of 5 in 0.04532

SECTION B

4. Add: $2\dfrac{4}{5}$ and $3\dfrac{5}{6}$

5. Subtract: 2 km 50 m from 7km 500 m

OR

Add: 5 kg 90 g and 2 kg 600 g

SECTION C

6. (a) Express as rupees using decimals: 15 paisa.
   (b) Express as kilometer using decimals: 55m.
   (c) Express as centimeter using decimals: 60 mm.

7. Simplify: $8\dfrac{1}{4}$ - $2\dfrac{5}{6}$ + $3\dfrac{3}{5}$

OR

From the piece of 12 $\dfrac{3}{4}$ m long ribbon, 5 $\dfrac{4}{5}$ m is cut. Find the length of the remaining piece of ribbon.

8. Samson travelled 5 km 52m by bus, 2 km 265m by car and the rest 1km 30 m he walked. How much distance he travelled in all.

OR

Sunita purchased 5 kg 400 g rice, 2 kg 20 g sugar and 10 kg 850 g flour. Find the total weight of his purchases.

SECTION D

9. A survey was carried out on 300 students in a school .Data about the different modes of transport used by them to travel to school was displayed as a pictograph. Observe the pictograph and answer the following questions:

(a) Which mode of transport do the students use maximum?

(b) Which mode of transport do the students use minimum?

(c) What is the total number of students in the school and what is the scale used in this pictograph?

Mode of travelling	Number of students ☆ = 10 students
Private Car	☆ ☆ ☆ ☆
Public bus	☆ ☆ ☆ ☆ ☆
Cycle	☆ ☆ ☆
School bus	☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆
Walking	☆ ☆ ☆ ☆ ☆ ☆ ☆

OR

Given below are the ages of 25 students of class VIII in a school. Prepare a table using tally marks and answer the following questions:

15,16,16,14,17,17,16,15,15,16,16,17,15,16,16,14,16,15,14,15,16,16,15,14,15.

(a) In which age group is maximum number of children in the class?

(b) In which age group is minimum number of children in the class?

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(2)

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SECTION A

1. Write $\dfrac{4}{5}$ in decimal notation.

2. Find the equivalent fraction of $\dfrac{36}{48}$ with the numerator 12

OR

Draw a number line and show $\dfrac{8}{5}$ on it.

3. What is the place value of 4 in 0.04532

SECTION B

4. Subtract $2\dfrac{4}{5}$ from $3\dfrac{5}{6}$

5. Subtract: 3 km 50m from 8 km 500m

OR

Add: 7kg 90 g and 4 kg 600 g

SECTION C

6. (a) Express as rupees using decimals: 25 paisa.
   (b) Express as kilometer using decimals: 65m.
   (c) Express as centimeter using decimals: 30 mm.

7. Simplify: $8\dfrac{1}{4}$ - $2\dfrac{5}{6}$ + $3\dfrac{3}{5}$

OR

From the piece of 10 $\dfrac{3}{4}$ m long ribbon, $2\dfrac{4}{5}$ m is cut. Find the length of the remaining piece of ribbon.

8. Samson travelled 7 km 52m by bus, 3km 265m by car and the rest 1km 30 m he walked. how much distance he travelled in all.

OR

Sunita purchased 7 kg 400 g rice, 3 kg 20 g sugar and 8 kg 850 g flour. Find the total weight of his purchases.

SECTION D

9. A survey was carried out on 300 students in a school .Data about the different modes of transport used by them to travel to school was displayed as a pictograph. Observe the pictograph and answer the following questions:

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Cycle	☆ ☆ ☆
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Walking	☆ ☆ ☆ ☆ ☆ ☆ ☆

OR

Given below are the ages of 25 students of class VIII in a school. Prepare a table using tally marks and answer the following questions:

15,16,16,14,17,17,16,15,15,16,16,17,15,16,16,14,16,15,14,15,16,16,15,14,15.

(a) In which age group are maximum numbers of children in the class?

(b) In which age group are minimum numbers of children in the class?

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