



INDIAN SCHOOL SOHAR
PERIODIC ASSESSMENT – 2 (2019-20)
MATHEMATICS

CLASS: VI

DATE: 16/01/2020

MAX. MARKS: 15

DURATION: 45 MINS

General Instructions:

- a. Do the calculations in working column.
 b. Give necessary formulae and steps wherever required.

SECTION A (Question carries 1 mark)

1. What direction will you face if you start facing East and make $1\frac{1}{4}$ of a revolution clockwise?

OR

What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 6 to 3?

SECTION B (Each question carries 2 marks)

2. Add: $1002.300 + 1.341 + 100.102$

OR

Write 0.342 as a fraction in its lowest term.

3. Represent the fraction $\frac{1}{8}$ on a number line.



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General Instructions:

- a. Do the calculations in working column.
 b. Give necessary formulae and steps wherever required.

SECTION A (Question carries 1 mark)

1. What direction will you face if you start facing West and make $1\frac{1}{4}$ of a revolution clockwise?

OR

What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 9 to 6?

SECTION B (Each question carries 2 marks)

2. Add: $1002.301 + 1.340 + 100.102$

OR

Write 0.382 as a fraction in its lowest term.

3. Represent the fraction $\frac{3}{8}$ on a number line.

SECTION C (Each question carries 3 marks)

4. A park has an irregular shape with sides 35.2 m, 20.85 m, 25.7 m and 38.55 m. Leaving 4 m space on one of its sides for entrance, the park is to be fenced with wire. Find the length of the wire needed for fencing.

OR

- (a) Convert the fraction $8\frac{1}{5}$ into decimal.
(b) Write the expanded form of 47.001

5. Answer the following:

- (a) Name the type of ΔABC with $AB = BC = CA = 7$ cm.
(b) Write the number of faces and vertices of a triangular pyramid.
(c) What is the measure of a complete angle?

SECTION D (Question carries 4 marks)

6. Shipra travelled $3\frac{1}{2}$ km on foot and $5\frac{2}{3}$ km by bus, rest of the distance she travelled on scooter. If she travelled 22 km, then find the distance travelled by her on scooter.

OR

Answer the following:

- (a) Add: $\frac{13}{50} + \frac{9}{20} + \frac{5}{10}$ (b) Express $14\frac{3}{4}$ as an improper fraction.

*******THE END*******

SECTION C (Each question carries 3 marks)

4. Answer the following:

- (a) Name the type of ΔABC with $AB = BC = CA = 10$ cm.
(b) Write the number of faces and vertices of a triangular pyramid.
(c) What is the measure of a complete angle?

5. A park has an irregular shape with sides 35.2 m, 20.85 m, 25.7 m and 38.55 m. Leaving 4 m space on one of its sides for entrance, the park is to be fenced with wire. Find the length of the wire needed for fencing.

OR

- (a) Convert the fraction $8\frac{1}{2}$ into decimal.
(b) Write the expanded form of 87.004

SECTION D (Question carries 4 marks)

6. Shipra travelled $3\frac{1}{2}$ km on foot and $5\frac{2}{3}$ km by bus, rest of the distance she travelled on scooter. If she travelled 22 km, then find the distance travelled by her on scooter.

OR

Answer the following:

- (a) Add: $\frac{13}{50} + \frac{9}{20} + \frac{5}{10}$ (b) Express $16\frac{3}{4}$ as an improper fraction.

*******THE END*******