



INDIAN SCHOOL SOHAR
PERIODIC TEST - II (2018-19)
SUBJECT – MATHEMATICS
CLASS - V
SET –A

Date of Exam: 13.01.19

Time Allotted: 1 hour

Max. Marks: 20

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

I. Fill in the blanks.

(½ □ 8 = 4)

- a. The place value of 3 in 6.534 is _____.
- b. The reciprocal of $\frac{1}{9}$ is _____.
- c. The H.C.F of 1, 3 and 5 is _____.
- d. $900+60+6+\frac{2}{10}+\frac{1}{1000} =$ _____.
- e. The L.C.M of 5, 15, 45 will be _____.
- f. The decimal form of $\frac{716}{1000}$ is _____.
- g. Fractions with the same denominators are called _____ fractions.
- h. $\frac{2}{3} \square \frac{3}{2} =$ _____

II. Do as directed

(1 □ 6=6)

- a. Draw a number line and represent $\frac{7}{4}$ on it.
- b. Write each of the following as a fraction.
- (i) 72.17 (ii) 0.071
- c. Find the H.C.F of 15,18 and 21.
- d. Convert
- (i) $\frac{45}{11}$ into mixed fraction.
- (ii) $13\frac{2}{5}$ into improper fraction.

e. Solve

(i) $\frac{18}{45} \square \frac{2}{5}$

(ii) $\frac{9}{12} \square \frac{8}{9}$

f. Reduce $\frac{36}{92}$ into the lowest form.

III.Solve.

(1 ½ □ 4 = 6)

a.Find the sum of $\frac{1}{6}$, $\frac{9}{12}$ and $\frac{6}{8}$.

b. Find the L C M of 12 , 24 and 36.

c.Compare the following.

(i) $\frac{7}{10}$ _____ $\frac{7}{6}$

(ii) $\frac{2}{5}$ _____ $\frac{3}{7}$

(iii) $\frac{21}{32}$ _____ $\frac{17}{32}$

d.Subtract $2\frac{1}{4}$ from $5\frac{2}{3}$.

IV. Word problems.

(2 □ 2 = 4)

a. Rani filled up $\frac{6}{8}$ of air in her balloon in the morning.By evening $\frac{2}{6}$ of the air was left. How much of air had escaped from the balloon?

b. If the H C F and L C M of two numbers are 4 and 252 respectively.Find their product.



INDIAN SCHOOL SOHAR
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Time Allotted: 1 hour

Max. Marks: 20

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

I. Fill in the blanks.

(1/2 □ 8 = 4)

- a. The place value of 5 in 3.574 is _____.
- b. The reciprocal of $\frac{1}{8}$ is _____.
- c. The H.C.F of 1, 5 and 7 is _____.
- d. $800+60+7+\frac{4}{10}+\frac{1}{1000} =$ _____.
- e. The L.C.M of 5, 15, 25 will be _____.
- f. The decimal form of $\frac{547}{1000}$ is _____.
- g. Fractions with the different denominators are called _____ fractions.
- h. $\frac{4}{5} \square \frac{5}{4} =$ _____.

II. Do as directed

(1 □ 6=6)

- a. Draw a number line and represent $\frac{8}{5}$ on it.
- b. Write each of the following as a fraction.
- (i) 2.17 (ii) 1.071
- c. Find the H.C.F of 15,25 and 30.
- d. Convert
- (i) $\frac{75}{12}$ into mixed fraction.
- (ii) $12\frac{3}{5}$ into improper fraction.

e. Solve

(i) $\frac{18}{25} \square \frac{2}{5}$

(ii) $\frac{6}{12} \square \frac{8}{6}$

f. Reduce $\frac{48}{80}$ into the lowest form.

III.Solve.

(1 ½ □ 4 = 6)

a. Find the sum of $\frac{1}{3}$, $\frac{9}{12}$ and $\frac{2}{9}$.

b. Find the L C M of 7, 21 and 42.

c. Compare the following.

(i) $\frac{9}{10}$ _____ $\frac{9}{14}$

(ii) $\frac{2}{3}$ _____ $\frac{3}{7}$

(iii) $\frac{12}{22}$ _____ $\frac{17}{22}$

d. Subtract $2\frac{3}{4}$ from $6\frac{7}{8}$.

IV. Word problems.

(2 □ 2 = 4)

a. Rani filled up $\frac{6}{8}$ of air in her balloon in the morning. By evening $\frac{2}{6}$ of the air was left. How much of air had escaped from the balloon?

b. If the H C F and L C M of two numbers are 4 and 252 respectively. Find their product.