



**INDIAN SCHOOL SOHAR**  
**PERIODIC TEST II (2024 - 25)**  
**SUBJECT: MATHEMATICS**  
**CLASS IV**

**SET B**

**Date of Exam: 16-01-2025**

**Time Allotted: 45 Minutes**

**Max. Marks: 20**

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

**SECTION A**

**Q.1. Choose the correct answer from the given options.**

**(1x 5 = 5)**

i. What is  $\frac{1}{5}$  of 15?

A) 2

B) 3

C) 4

D) 6

ii. Which fraction is equivalent to  $\frac{3}{4}$  ?

A)  $\frac{5}{9}$

B)  $\frac{9}{12}$

C)  $\frac{2}{5}$

D)  $\frac{1}{8}$

iii. If you have a pizza cut into 4 equal parts and you can eat 2 of those slices, what fraction of pizza is left?

A)  $\frac{2}{4}$

B)  $\frac{1}{4}$

C)  $\frac{1}{2}$

D)  $\frac{3}{4}$

iv. Which of the following numbers is a multiple of 9?

A) 27

B) 25

C) 28

D) 24

v. Which of the following number is divisible by both 5 and 10?

A) 7

B) 74

C) 75

D) 7000

**SECTION- B**

**(2 x 6 = 12)**

**Q.2. Do as directed.**

i. Fill in the blanks

a. A number that has more than two factors is called a \_\_\_\_\_.

b. Every number is a multiple of \_\_\_\_\_ and number itself.

c. The multiple of 7 that is greater than 15 but less than 27 is \_\_\_\_\_.

d.  $\frac{6}{9}$    $\frac{8}{9}$  (<, >, =)

ii. State True or False

a.  $\frac{25}{25} = 1$

b.  $5\frac{3}{4} = \frac{23}{4}$

c. An improper fraction is one in which the numerator is less than or equal to the denominator.

d. The biggest factor of 20 is 25.

iii. a. Arrange  $\frac{15}{19}, \frac{5}{19}, \frac{1}{19}, \frac{8}{19}$  in ascending order.

b. Arrange  $\frac{1}{9}, \frac{5}{9}, \frac{4}{9}, \frac{3}{9}$  in descending order.

iv. Write the prime factorisation of 56 by the factor tree method.

v. Find the LCM of 6 and 9.

**OR**

Write first three common multiples of 4 and 8.

vi. Find four fractions equivalent to  $\frac{3}{5}$ .

**OR**

Find the HCF of 25 and 40.

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**SECTION- C**

**(3 x 1 = 3)**

Q.3

i. Convert the following improper fractions into mixed fractions.

a.  $\frac{9}{2}$

b.  $\frac{12}{5}$

ii. Add the following fraction.

$$\frac{3}{8} + \frac{7}{8}$$

**OR**

Q.3

i. Convert the following mixed fractions into improper fractions.

a.  $1\frac{3}{7}$

b.  $2\frac{3}{4}$

ii. Subtract the following fraction.

$$\frac{13}{16} - \frac{3}{16}$$