



BK BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL
POST MID-TERM (2024-25)
MATHEMATICS (041) QUESTION PAPER



Class : IV
Date : 06.01.2025
Admission No.:

Duration: 1 Hrs.
Max. Marks: 25
Roll No.:

General Instructions:

Questions 1 to 5 are 1 mark each.

Questions 6 to 9 are of 2 marks each.

Questions 10 and 13 are of 3 marks each.

SECTION-A

(5 × 1 = 5)

Choose the correct answer.

1) Which of the following is unit fraction?

- a) $\frac{3}{1}$ b) $\frac{1}{7}$ c) $\frac{12}{13}$ d) None of these

2) $\frac{72}{11}$ () $\frac{27}{11}$

- a) = b) > c) < d) None of these

3) Which of the following is mixed fraction?

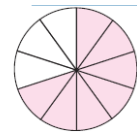
- a) $\frac{2}{5}$ b) $1\frac{3}{4}$ c) $\frac{1}{7}$ d) $\frac{13}{31}$

4) Which of the following is proper fraction?

- a) $\frac{3}{5}$ b) $\frac{5}{2}$ c) $4\frac{2}{5}$ d) None of these

5) Which fraction can be used to represent the adjoining figure?

- a) $\frac{3}{10}$ b) $\frac{7}{10}$ c) $\frac{9}{10}$ d) None of these



SECTION- B

(4 × 2 = 8)

6) Write the next four equivalent fractions of $\frac{4}{7}$

7) Express $\frac{15}{21}$ in the lowest form.

8) Solve the fraction $\frac{4}{5}$ of 30

9) A pizza was cut into 4 slices. One part was eaten by Jim and the rest was eaten by his mom.

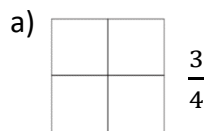
a) What fraction of pizza was eaten by Jim?



b) What fraction of pizza was eaten by his mom?

OR

Shade the figures according to the fractions given:



SECTION- C

$(4 \times 3 = 12)$

10) Write the following fractions in ascending and descending order:

$$\frac{7}{16}, \frac{3}{16}, \frac{15}{16}, \frac{13}{16}$$

11) Solve the following:

a) $\frac{9}{13} + \frac{7}{13} + \frac{4}{13}$

b) $\frac{11}{5} - \frac{6}{5}$

12) Complete the equivalent fractions.

a) $\frac{5}{10} = \frac{\quad}{70}$

b) $\frac{2}{9} = \frac{8}{\quad}$

c) $\frac{4}{\quad} = \frac{20}{25}$

13) A basket had a collection of 15 balls. 10 of them were yellow and the rest were blue. What is the fraction of blue balls in the basket? Write the fraction in the lowest form.

OR

There is $\frac{7}{10}$ of a pizza in one box and $\frac{3}{10}$ of a pizza in another box. How much more is there in the first box compared to the second box?

*****The End*****