



Indian School Al Wadi Al Kabir
Pre-Mid Term Examination (2026-27)

Class: VI

MATHEMATICS (SET-2)

Max. Marks: 30

Date: 18/05/2026

Time: 1 Hour.

General Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.8)

Section B: Source based questions (Q.9 to Q.12)

Section C: Long Answer Questions (Q.13 to Q.18)

Section D: 4 Marks Case study Question (Q.19).

NOTE: This question paper consists of 3 printed pages.

SECTION A Multiple Choice Questions (Q.1 to Q.8)

1. Choose the greatest fraction among the following:

A $\frac{1}{11}$ **B** $\frac{1}{30}$ **C** $\frac{1}{19}$ **D** $\frac{1}{100}$ 1M

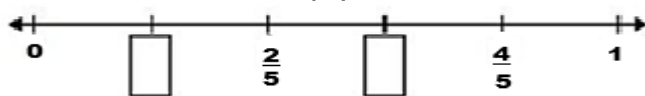
2. A pizza is cut into 8 equal slices. Harry ate 3 slices. Fraction of the pizza eaten by Harry is:

A $\frac{8}{3}$ **B** $\frac{3}{8}$ **C** $\frac{1}{8}$ **D** $\frac{1}{3}$ 1M

3. The simplest form of $\frac{18}{24}$ is:

A $\frac{8}{3}$ **B** $\frac{1}{4}$ **C** $\frac{1}{3}$ **D** $\frac{3}{4}$ 1M

4. The fractions in the empty boxes are:



A $\frac{1}{5}$ and $\frac{3}{6}$ **B** 1 and $\frac{1}{5}$ **C** $\frac{1}{5}$ and $\frac{3}{5}$ **D** $\frac{3}{5}$ and $\frac{5}{6}$ 1M

5. Which of the following fractions is equivalent to $\frac{4}{9}$?

A $\frac{8}{9}$ **B** $\frac{12}{18}$ **C** $\frac{5}{9}$ **D** $\frac{40}{90}$ 1M

6. Identify the fraction represented by shaded region in the figure:



A $\frac{6}{8}$ **B** $\frac{4}{9}$ **C** $\frac{1}{8}$ **D** $\frac{8}{9}$ 1M

7. A garden has roses and tulips. If $\frac{1}{5}$ of the flowers are roses and $\frac{2}{5}$ of the flowers are tulips, what fraction of the flowers are roses and tulips together? 1M
- A** $\frac{2}{5}$ **B** $\frac{4}{5}$ **C** $\frac{3}{5}$ **D** $\frac{1}{5}$
8. Reena bought $\frac{18}{5}$ Kg of fruits which is same as: 1M

- A** $3\frac{2}{5}$ kg **B** $3\frac{4}{5}$ kg **C** $3\frac{1}{5}$ kg **D** $3\frac{3}{5}$ kg

SECTION B: Source based questions (Q.9 to Q.12)

A new amusement park launched a "Treasure Locker Challenge." Visitors received locker numbers, and special rewards were unlocked if the locker number followed certain divisibility rules. A family of 5 members visited the park and received the locker numbers. Based on the given information answer the following questions:



9. Locker numbers that are divisible by both 5 and 10 received a free locker. Which of the following numbers is divisible by both 5 and 10? 1M
- A** 5245 **B** 1001 **C** 4690 **D** 1836
10. Visitors with a number divisible by 2 received a free meal packet. Which of the following locker numbers is divisible by 2? 1M
- A** 1836 **B** 3393 **C** 1001 **D** 5245
11. Locker numbers divisible by 3 are eligible for a free ticket for 3D game. Choose the locker number divisible by 3. 1M
- A** 1001 **B** 5245 **C** 3393 **D** 4690
12. Visitors with a locker number divisible by both 2 and 3 are eligible for a special Bonus prize. Which of the following locker numbers will receive the Bonus prize? 1M
- A** 3393 **B** 1001 **C** 4690 **D** 1836

SECTION C: Long Answer Questions (Q13 to Q.18)

13. Rohan and Nikhil went for fishing. Rohan caught a fish of weight $\frac{4}{5}$ Kg and Nikhil caught a fish of weight $\frac{5}{7}$ kg. Whose fish weighs more? 2M
14. Riya baked $\frac{5}{6}$ of a tray of brownies. Her brother Mithun ate $\frac{1}{4}$ of the brownies she baked. Find the fraction of the tray of brownies left with Riya. 2M

15. In a class of 25 children, 10 are girls. What fraction of the number of students are girls? Express this fraction in the lowest form. 2M
16. a) Check whether the following fractions are equivalent: $\frac{14}{21}$ and $\frac{8}{12}$. 2M
 b) Convert the given fraction to its simplest form: $\frac{45}{81}$
17. Represent the following fractions on a number line: $\frac{1}{7}$, $\frac{3}{7}$, 1 , $\frac{5}{7}$ 3M
18. Deepak scored 30 out of 40 marks in English, 18 out of 20 marks in Mathematics and 8 out of 10 in Computer Science. Write these marks in fraction form and arrange the fractions in descending order. 3M

SECTION D: (Case study)

19. A school has 270 students and the students were asked to join any of the 3 clubs of their choice- Music club, Drama Club, and Art Club. Later, 120 students joined the Art club, 90 students joined the Music club and the remaining students joined the Drama Club. 4M



Based on the above information, answer the following questions:

- What fraction of the total number of students joined the Art club and music club together?
- Find the number of students who joined the Drama club.
- Which club is the most preferred among all the three clubs?
