



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PRE-MID TERM (2025-26) MATHEMATICS

Class: VII
Date: 07.08.25
Admission no:

Time: 1 hr.
Max Marks: 25
Roll no:


General Instructions:

- This question paper consists of three sections
- Section A consists of fill in the blank questions of 1 mark each. Section B consists of 2-mark questions and Section C consists of 3-mark questions.
- Attempt all questions. All answers must be correctly numbered as in the question paper and written in the answer sheet.
- Write neatly and draw diagrams wherever necessary.

Section A

Fill in the blanks:

$$1 \times 5 = 5$$

1. The value $\frac{1}{2}$ of 24 is _____
2. 7 Rupees 7 paise can be written in rupees as _____
3. 0.041 as a fraction is _____
4. The mean of the first five natural numbers is _____.
5. The tally mark  shows frequency is _____.

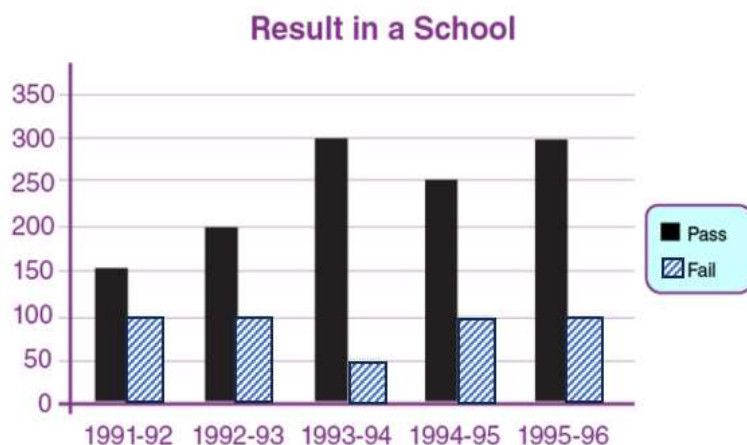
Section B

Do as directed

$$2 \times 4 = 8$$

6. Which of the following is greater?
(i) 0.5 or 0.05
(ii) 2.03 or 2.30
7. Find:
(i) $\frac{2}{5} \div \frac{1}{2}$ (ii) $2\frac{1}{3} \div \frac{3}{5}$
8. Find the mode and median of the data: 11, 16, 12, 15, 19, 12, 15, 13, 15.

9. Examine the graph below carefully and answer the following questions. The graph depicts the results of a school's students.



- (i) Which year has the smallest difference between the number of kids who passed and those who failed?
(ii) In the last five years, what was the average number of kids who failed in school?

Section C

Solve the following

3 x 4 = 12

10. In a class of 40 students $\frac{1}{5}$ of the total number of students who like to study Mathematics, $\frac{2}{5}$ of the total number of students like to study science and the remaining students like to study English.
(i) How many students like to study English?
(ii) How many students like to study Mathematics?
(iii) What fraction of the total number of students like to study Science?
11. A two-wheeler covers a total distance of 55.3 km in one litre of petrol. How much total distance will it cover in 10 litres of petrol?
12. The following data gives the total marks (out of 600) obtained by six children of a particular class. Represent the data on a bar graph.

Students	Ajay	Bali	Dipti	Geetika	Hari	Faiyaz
Marks Obtained	450	500	300	360	400	540

13. The final marks in Mathematics of 10 students are as follows:
53, 61, 48, 60, 78, 68, 55, 100, 67, 90
(i) What is the range?
(ii) Find the mean
