



# B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL  
ANNUAL EXAMINATION (2025-26)  
MATHEMATICS (041) MARKING SCHEME SET-B

Class: IV  
Date: 16.03.2026  
Admission no:

Time: 1 ½ hr  
Max Marks: 40  
Roll no:

## General Instructions:

1. This Question Paper has 4 Sections A-D.
2. Section A has 10 MCQs carrying 1 mark each
3. Section B has 4 questions carrying 02 marks each.
4. Section C has 4 questions carrying 03 marks each.
5. Section D has 2 questions carrying 05 marks each.

## SECTION-A

(10 × 1 = 10)

Choose the correct answer.

- 1) How many days are there in February (leap year)?  
(a) 30                      (b) 28                      (c) **29**                      (d) none of these.
- 2) How many seconds are there in 1 minutes ?  
(a) 30                      (b) 45                      (c) **60**                      (d) 90
- 3) Which list shows the factors of 16?  
(a) **1, 2, 4, 8, 16**      (b) 1, 2, 3, 4              (c) 16, 32, 48, 64      (d) None of these
- 4) Which of the following is a proper fraction?  
(a)  $\frac{7}{3}$                       (b)  $\frac{3}{4}$                       (c)  $\frac{5}{2}$                       (d)  $3\frac{2}{5}$
- 5) A number which has only two factors is called a  
(a) **Prime number**      (b) odd number          (c) even number          (d) composite number
- 6) Which is the largest unit of length?  
(a) Meter                      (b) **Kilometre**              (c) Centimetre              (d) Millimetre
- 7) Which graph uses bars to show data?  
(a) Line graph              (b) **Bar graph**              (c) Pictograph              (d) none of these

8) Which symbol is used for Indian Rupee?

- (a) \$                      (b) €                      (c) £                      (d) ₹

9) Unit of area can be \_\_\_\_\_

- (a) Sq m                      (b) cm                      (c) cu m                      (d) none of these

10) What is the numerator in the fraction 3/7?

- (a) 10                      (b) 3                      (c) 7                      (d) 4

**SECTION- B**

**(4 × 2 = 8)**

11) Write the following fractions in ascending & descending order.

$$\frac{5}{19}, \frac{14}{19}, \frac{4}{19}, \frac{9}{19}, \frac{7}{19}$$

**Ascending order:  $\frac{4}{19} < \frac{5}{19} < \frac{7}{19} < \frac{9}{19} < \frac{14}{19}$  \_\_\_\_\_ (1)**

**Descending order :  $\frac{14}{19} > \frac{9}{19} > \frac{7}{19} > \frac{5}{19} > \frac{4}{19}$  \_\_\_\_\_ (1)**

12) Write the prime and composite numbers between 1 to 20.

**Prime numbers :- 2, 3, 5, 7, 11, 13, 17, 19 \_\_\_\_\_ (1)**

**Composite numbers :- 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20 \_\_\_\_\_ (1)**

**OR**

Write the prime factors of a given number by making factor tree.

$$\begin{array}{c} 60 \\ / \quad \backslash \\ 6 \quad 10 \\ / \backslash \quad / \backslash \\ 2 \quad 3 \quad 2 \quad 5 \end{array} \quad \text{_____ (1)}$$

**Prime factors of 60:-  $2 \times 2 \times 3 \times 5$  \_\_\_\_\_ (1)**

13) Convert into months :- 2 years 4 months

**1 year = 12 months**

**2 years 4 months =  $2 \times 12 + 4$  \_\_\_\_\_ (1)**

$$= 24 + 4$$

**= 28 months \_\_\_\_\_ (1)**

14) Add:- Rs 50.36 and Rs 41.80

$$\begin{array}{r} \text{Rs } 50.36 \\ + \text{Rs } 41.80 \\ \hline \text{Rs } 92.16 \end{array} \quad (2)$$

**SECTION –C**

**(4 × 3 = 12)**

15) 15 kg of onions cost ₹ 300. Find the cost of 25 kg of onions.

**Cost of 15 kg onions = ₹300**  
**Cost of 1 kg =  $300 \div 15 = 20$**  \_\_\_\_\_ (1)  
**Cost of 1 kg = ₹20**  
**The cost of 25 kg =  $25 \times 20$**   
**= 500** \_\_\_\_\_ (1)  
**The cost of 25 kg of onions is ₹500.** \_\_\_\_\_ (1)

**OR**

Divide: - ₹ 7.44 by 6.

$$\begin{array}{r} 1.24 \\ \hline 6 \overline{) 7.44} \\ \underline{6} \phantom{00} \\ 1.44 \\ \underline{1.44} \\ 0 \end{array}$$

**₹ 7.44 ÷ 6 = ₹ 1.24** \_\_\_\_\_ (3)

16) Subtract :- 5 minutes 20 seconds – 2 minutes 45 seconds

**Since 20 seconds < 45 seconds, we borrow 1 minute = 60 seconds.** \_\_\_\_\_ (1)

Minutes	Seconds
4	80
– 2	45
-----	
2	35

\_\_\_\_\_ (2)

17) Reena jumped a height of 1 m 75 cm and Meena jumped 1 m 55 cm. Who jumped higher and by how much?

Given:






- Reena jumped **1 m 75 cm**
  - Meena jumped **1 m 55 cm**
- Convert both to centimetres:**  
**1 m 75 cm = 175 cm**  
**1 m 55 cm = 155 cm** \_\_\_\_\_ (1)
- Difference = 175 cm – 155 cm = 20 cm** \_\_\_\_\_ (1)  
**Answer: Reena jumped higher than Meena by 20 cm.** \_\_\_\_\_ (1)

**OR**


Convert the following as directed.

- a) 18 m to cm  
**1 m = 100 cm**  
**18 m = 18 × 100 = 1800 cm** \_\_\_\_\_ (1)
- b) 46 kg 950 g to g  
 1 kg = 1000 g  
 46 kg = 46 × 1000 = 46,000 g  
**46,000 g + 950 g = 46,950 g** \_\_\_\_\_ (1)
- c) 11,113 m to km  
 1 km = 1000 m  
**11,113 m ÷ 1000 = 11.113 km** \_\_\_\_\_ (1)

18) The number of ice creams sold at a shop on weekdays of a particular week is shown in the following pictograph. Observe the pictograph and answer the following questions.

Day	Number of Ice Creams Sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

- a) How many ice creams were sold on Monday?  
**75 ice creams were sold on Monday** \_\_\_\_\_ (1)
- b) On which day the most number of ice creams were sold?  
**Friday the most number of ice creams were sold.** \_\_\_\_\_ (1)
- c) On which day the least number of ice creams were sold?  
**Tuesday least number of ice creams were sold.** \_\_\_\_\_ (1)

(Each  = 15 Ice Cream sold)

**SECTION –D**

**(5 × 2 = 10)**

19) Find :

a) The perimeter of a notebook whose length is 9 cm and breadth is 7 cm.

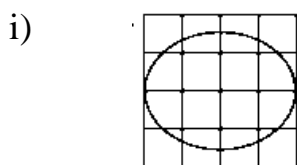
**Length = 9 cm**

**Breadth = 7 cm**

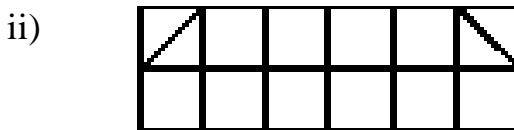
**Perimeter of a rectangle = 2 × (length + breadth) \_\_\_\_\_ (1)**  
 $= 2 \times (9 + 7)$   
 $= 2 \times 16$  \_\_\_\_\_ (1)  
 $= 32 \text{ cm}$  \_\_\_\_\_ (1)

**The perimeter of the notebook is 32 cm.**

b) Calculate the area of the following figure.



**8 sq cm \_\_\_\_\_ (1)**



**11sq cm \_\_\_\_\_ (1)**

20) Find the LCM of 8 and 6 by listing the common factors.

**Multiples of 8:-8, 16, 24, 32, 40, ... \_\_\_\_\_ (1)**

**Multiples of 6:-6, 12, 18, 24, 30, ... \_\_\_\_\_ (1)**

**The smallest common multiple is 24. \_\_\_\_\_ (1)**

**LCM of 8 and 6 = 24 \_\_\_\_\_ (2)**

**OR**

Apply the test of divisibility and complete the table by writing YES or NO in each box. (1 Mark for each correct yes)

Numbers	2	3	5	10
615	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>
250	<b>YES</b>	<b>NO</b>	<b>YES</b>	<b>YES</b>

\*\*\*\*\*THE END\*\*\*\*\*