B.K. BIRLA CENTRE FOR EDUCATION

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

PERIODIC TEST-2 (2025-26)
MATHEMATICS (041) MARKING SCHEME

Class : V | Duration: 1 Hrs.
Date : 11.11.2025 | Max. Marks: 25
Admission No.: | 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 $(5 \times 1 = 5)$

Choose the correct answer. (1 Marks for each correct answer)

1) Express 25% as decimals.

(a) 2.5 **(b) 0.25** (c) 25 (d) None of these

2) Express $\frac{58}{100}$ as percentages.

(a) 5.8% (b) 0.58% **(c) 58%** (d) None of these

3) Write the place value of the underlined digits 173.9$\underline{5}$

(a) 5 (b) **0.05** **(c)** 5 (d) None of these

4) Which is the greatest decimal.

(a) 3.43 (b) 3.340 (c) 3.043 (d) None of these

5) 4+ 2/10+ 3/1000 is equal to

(a) 0.423 (b) **4.203** (c) 42.034 (d) None of these

SECTION- B $(4 \times 2 = 8)$

6) Find the values of 15% of 1200

Ans: Convert 15% to a decimal $- \frac{15}{100} = 0.15$ _____**(1)**

Multiply $= 0.15 \times 1200$
$= 180$ _____**(1)**

7) Express 45% as fractions in the simplest form.

Write as a fraction out of 100 =45 %

$$=\frac{45}{100}$$ **_____(1)**

Simplify the fraction: $=\frac{45/5}{100/5}$

$=\frac{9}{20}$ **_____(1)**

8) Expand the decimals in fraction form: 135.489.

$= 100 + 30 + 5 + \frac{4}{10} + \frac{8}{100} + \frac{9}{1000}$ **_____(2)**

9) Pravin daily spends 1.15 hours for studying English, 1.45 hours for Math and 0.40 hours for Science. How many hours does he study daily?

1.15(English) +1.45(Math) + 0.40(Science) _____ (1)

1.15+1.45=2.60 hours

2.60+0.40=3.00 hours _____ (1)

SECTION- C $(4 \times 3 = 12)$

10) Solve:- Take away 24.239 from 78.35.

78.35−24.239 (concept) _____ (1)

First, write 78.3 as 78.350 to match decimal places: _____ (1)

78.350−24.239 = 54.111 _____ (1)

11) A tin of assorted chocolates weighs 2.75 kg. What would be the weight of 15 such tins?

Weight of 1 tin = 2.75 kg _____ (1)

Weight of 15 tins = 2.75 × 15 _____ (1)

= 41.25 kg _____ (1)

12) In a village of population 1600, 45% people were males. How many females were there in the village?

Total population of the village = 1600.

Percentage of males = 45%.

So, the number of males can be calculated as:

Number of males $=\frac{45}{100} \times 1600$

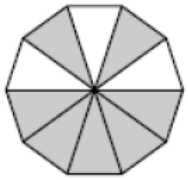
$=0.45 \times 1600$

Number of males =720 _____ (2)

Now, the number of females is the remaining population, which is:

Number of females=1600−720=880 _____ (1)
There are 880 females in the village.

13) Calculate the percentage of the shaded part of the given figures.



Fraction = $\frac{7}{10}$ _____ (1)

= $\frac{7\times10}{10\times10}$ _____ (1)

= $\frac{70}{100}$ = 70% _____ (1)

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