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: V | Duration: 3 hrs.
Date: 23.03.2026 | MAX.MARKS:80
Name: | Exam R.No:

General Instructions:

1. This Question Paper has 5 Sections A-D.
2. Section A has 20 MCQs carrying 1 mark each
3. Section B has 8 questions carrying 02 marks each.
4. Section C has 8 questions carrying 03 marks each.
5. Section D has 4 questions carrying 05 marks each.

SECTION-A $(20 \times 1 = 5)$

1) Write in number = Eighteen points five.
   (a) 185 (b) 18.5 (c) **18.05** (d) 18.005

2) Write as decimals : $5 + \frac{7}{10} + \frac{3}{100}$
   (a) 573 (b) 3.75 (c) **5.73** (d) 0.573

3) Percentage means ____.
   (a) Per 10 (b) Per 50 (c) **Per 100** (d) Per 1000

4) Which of the following shows 4:15 p.m.in 24-hour time?
   (a) 04:15 (b) **16:15** (c) 14:15 (d) 01:45

5) Which of the following is a standard unit of length in the metric system?
   (a) Foot (b) **Meter** (c) Mile (d) Inch

6) 1000 grams = _____ kilogram
   (a) 10 (b) 100 (c) **1** (d) none of these

7) How many hours are there in 1 days?
   (a) **24** (b) 28 (c) 30 (d) none of these

8) Convert 36% into decimal.
   (a) 3.6 (b) **0.36** (c) 0.036 (d) 36.0

9) A rectangle has _____ lines of symmetry.
   (a) 1 (b) **2** (c) 3 (d) 4

10) Profit occurs when:
   (a) CP = SP (b) CP > SP (c) **SP > CP** (d) SP = 0

11) Add: 0.27 + 0.67
   (a) 0.98 (b) 0.97 (c) **0.94** (d) 0.96

12) Write the place value of 5 in 18.516
   (a) **0.5** (b) 5 (c) 0.05 (d) none of these

13) What comes next in the pattern 6, 16, 26, 36, _____

(a) 64 (b) **46** (c) 40 (d) 63

14) Which of the following is a leap year?

(a) 2019 (b) 2021 (c) 2022 (d) **2024**

15) Which of the following is the greatest unit?

(a**) Kilogram** (b) Metre (c) Gram (d) Millimetre

16) Which one gives the correct unit for volume?

(a) cm (b) m (c) **cu cm** (d) None of these

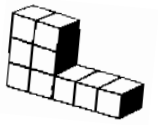
17) Volume of cuboid = _____

(a) **length ×breadth ×height** (b) 3 × side (c) side × side × side (d) None of these

18) Which time is shown in the evening on a 24-hour clock?

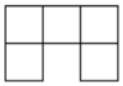
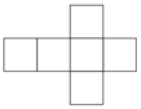
(a) 09:00 (b) **17:45** (c) 05:30 (d) 11:20

19) What is the volume of adjoining figure?



(a) 13 (b) **9** (c) 11 (d) 15

20) Which of the following nets will form a cube?

(a)  (b)  (c)  **(d)** 

SECTION -B **(8 × 2 = 16)**

21) Nidhi took a history test with 25 questions on it. She correctly answered 22 questions. Write her test score as a per cent?

Percentage score=$\frac{22}{25}$×100 _____ (1)

=88% _____ (1)

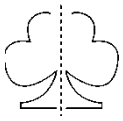
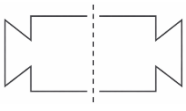
OR

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

Shaded part = $\frac{3}{5}$ _____ (1)

Percentage = $\frac{3}{5}$ ×100=60% _____ (1)

22) Complete the following symmetrical shapes. (**1 mark for each correct figure)**

a)  b) 

23) Convert the following into minutes: 2 hours 12 minutes.

2 hours = 2×60=120

2×60=120 minutes **_____ (1)**

2 hours 12 minutes = 120+12=132 minutes**_____ (1)**

OR

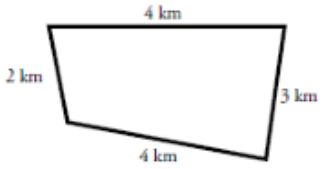
Add : 7 minutes 15 seconds and 5 minutes 35 seconds

minutes	**seconds**
7	**15**
+ 5	**35**
12	**50**

_____ (1)

Answer: 12 minutes 50 seconds _____ (1)

24) Find the perimeter of the following figure.



Perimeter of the figure = 2+3+4+4 **_____ (1)**

= 13 cm **_____ (1)**

25) Name the following:

a) Two English alphabets that have horizontal line of symmetry

English alphabets with a horizontal line of symmetry: B ,C _____ (1)

b) Two English alphabets that have vertical line of symmetry.

English alphabets with a vertical line of symmetry: A ,M _____ (1)

26) Find the profit or loss : C.P. = Rs750, S.P. = Rs 700

Cost Price (C.P.) = ₹750

Selling Price (S.P.) = ₹700

Since S.P. < C.P., there is a loss.

Loss = C.P. − S.P. _____ (1)

= 750 − 700

Loss = ₹50 _____ (1)

27) Arrange the following units in the descending order of their place value.

kg, cg, mg, dag, dg, hg, g

Largest to smallest (descending order of place value):

kg > hg > dag > g > dg > cg > mg _____ (2)

28) Express 60% as fractions in the simplest form.

$60\% = \frac{60}{100}$ **_____ (1)**

$\frac{60 \div 20}{100 \div 20} = \frac{3}{5}$ **_____ (1)**

SECTION -C $(8 \times 3 = 24)$

29) Vinita bought a house for Rs 4,50,000. She spent Rs 20,000 on repairs and white- washing and then sold it for Rs 4,30,000. Find her profit or loss.

Cost Price of house = ₹4,50,000
Money spent on repairs = ₹20,000
Total Cost Price (CP) = 4,50,000 + 20,000
= ₹4,70,000 _____ (1)
Selling Price (SP) = ₹4,30,000
Since SP < CP, there is a loss.
Loss = CP – SP _____ (1)
= 4,70,000 – 4,30,000
= ₹40,000
Vinita incurred a loss of ₹40,000. _____ (1)

30) The cost of 6 chairs Rs 930. Find the cost of 11 such chairs

Cost of 6 chairs = ₹930
The cost of 1 chair = 930 ÷ 6
= ₹155_____ (2)
The cost of 11 chairs:
Cost of 11 chairs = 155 × 11
= ₹1705 _____ (1)
The cost of 11 chairs is ₹1,705.

31) Solve the following:

a) 0.824 × 1000 = **824** _____ **(1)**
b) 19.03 ÷ 100 = **0.1903** _____ **(1)**
c) 6.009 ÷ 10 = **0.6009** _____ **(1)**

OR

If 1.108 × 2.429 = 2.691332, then fi nd the following products.:

a)11.08 × 242.9 = **2691.332** _____ **(1)**
b) 110.8 × 24.29 = **2691.332** _____ **(1)**
c) 11.08 × 24.29 = **269.1332** _____ **(1)**

32) Find the volume of a cuboid whose length, breadth and height are 12 cm, 8 cm and 11 cm, respectively.

Given: - Length = 12 cm ; Breadth = 8 cm ; Height = 11 cm
Volume = Length × Breadth × Height _____ (1)
=12×8×11
= 96 × 11 _____ (1)
Volume = 1056 cubic cm _____ (1)

33) Do as directed.

a) Convert 1478 m into hm.
1 hectometre (hm) = 100 m
1478÷100=14.78
1478÷100 = 14.78 hm _____ (1)
b) Convert 5dag into g.
1 decagram (dag) = 10 g

5dag =5×10=50g _____ (1)

c) Convert 850 kL into dL

1 kL = 1000 L

1 L = 10 dL

1 kL=1000×10=10,000 dL

850×10,000=8,500,000

= 8,500,000 dL _____ (1)

OR

Multiply : 18 L 350 mL by 9

1L = 1000 ml

18 L 350 mL = 18× 1000 + 350 _____ (1)

=18350 ml

18350 × 9 = 165150 mL = 165 L 150 mL _____ (2)

34) Add : 4 minutes 54 seconds and 7 minutes 38 seconds

4 minutes 54 seconds

+ 7 minutes 38 seconds

---------- _____ (1)

54 s + 38 s = 92 seconds

Since 60 seconds = 1 minute,

92 seconds = 1 minute 32 seconds _____ (1)

4 + 7 + 1 (carry) = 12 minutes

4 minutes 54 seconds and 7 minutes 38 seconds =12 minutes 32 seconds _____ (1)

35) Akram left for office at 7:35 a.m. and came home after 7:20 hours. At what time did he reach home?

Akram left at 7:35 a.m.

He came home after 7 hours 20 minutes.

7:35 a.m. + 7 hours = 14:35 . _____ (1)

2:35 p.m. + 20 minutes = 2:55 p.m._____ (1)

Akram reached home at 2:55 p.m. _____ (1)

36) In a school of 425 students, 44% of the students are girls. How many boys are there in the school?

Total students = 425

Percentage of girls = 44%

Find number of girls

44% of 425= $\frac{44}{100} \times 425 = 187$ **_____ (2)**

Number of girls = 187

Find number of boys

Boys=425−187=238 _____ (1)

There are 238 boys in the school.

SECTION -D $(4 \times 5 = 20)$

37) Assess the correct answer.

a) What time is on the clock?
8:40 hr time is on the clock _____ **(1)**

b) What time will it be in 7 hours and 12 minutes?
$\mathbf{8:40 + 7:00 = 15:40}\ \boldsymbol{hrs}$ _____ $(1\frac{1}{2})$

c) What time was it 6 hours and 11 minutes ago?
$\mathbf{8:40 - 6:11 = 2:29}$_____ $(1\frac{1}{2})$

d) What time is on the clock as per 24hrs?
20:40 hrs time is on the clock as per 24hrs _____ **(1)**

OR

Look at the calendar of the year 2026 and answer the following questions.:

January

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

a) Which is the last date of a year?
31st December _____ **(1)**

b) Do all the months in a year have the same number of days?
All the months in a year have not same number of days. _____ **(1)**

c) Which month has the least number of days?
February _____ **(1)**

d) How many months have 31 days?
7 months have 31 days _____ **(1)**

e) Does every month begin with the same day?
No _____ **(1)**

38) A milk booth sold 242.750 L of milk on Sunday and 87.150 L on Monday.
Answer the following questions

a) Write 242.750 in word.
242.750 = Two hundred forty-two point seven five zero litres _____ **(1)**

b) Represent above decimal numbers on a place value chart.
_____ **(1)**

Number	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
242.750	2	4	2	7	5	0
87.150		8	7	1	5	0

c) Write 87.150 in expanded form.
87.150 = 80 + 7 + 0.1 + 0.05 + 0.000 _____ **(1)**

d) Find the difference between the milk sold on Sunday and Monday.
242.750 – 87.150= 155.600
Difference = 155.600 L _____ **(2)**

39) Sachin scored 140, 78, 89, 112, 99, 12 and 23 runs in seven consecutive innings. What is his average score in an inning?

Find the total runs scored

140+78+89+112+99+12+23=553 runs _____ (2)

$$\text{Average} = \frac{\text{Total runs}}{\text{Number of innings}}$$

$$\text{Average} = \frac{553}{7} = 79$$

_____ **(3)**

40) Find the area of the shaded part.

Given:

- **Length = 12 cm**
- **Breadth = 8 cm** _____ **(1)**

Area of Rectangle=Length×Breadth _____ (1)

Area=12×8
Area = =96 sq cm. _____ **(1)**
area of the shaded part = 96 ÷ 2 = 48 *sq cm* _____ **(2)**

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