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-A

CLASS: V | Duration: 3 hrs.
Date:-23.03.26 | MAX.MARKS:80
Name: | Exam RNo:

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 name 86.07
(a) **eighty six point zero seven** (b) eighty six point seven(c) eighty six (d) eighty seven

2) Write the decimals number for $\frac{48}{100}$
(a) 0.048 (b) **0.48** (c) 0.8 (d) 0.4

3) Convert 14:30 into 12-Hour Time.
(a) 2:30 pm (b) 2:30 am (c) 4:30 pm (d) 4:30 am

4) Convert 17% into fraction.
(a) $\frac{17}{100}$ (b) $\frac{170}{100}$ (c) $\frac{100}{17}$ (d) none of these

5) 2 kilometres = _____ metres
(a) 20 (b) 200 (c) 20100 (d) **2000**

6) Which of the following is a standard unit of capacity in the metric system?
(a) Kilogram (b) Metre (c) **Litre** (d) Gram

7) 1 week is equal to how many days?
(a) 6 (b) 10 (c) 30 **(d) 7**

8) The symbol used for percentage is ____.
(a) ÷ **(b) %** (c) × (d) /

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

10) Loss occurs when:
(a) SP > CP (b) CP < SP (c) CP = SP (d) **CP > SP**

11) Which of the following is the smallest?
(a) 0.13 (b) 0.130 (c) 0.013 (d) **0.0013**

12) Write the place value of 9 in 54.896
(a) 0.9 (b) 9 (c) **0.09** (d) none of these

13) Complete the pattern: 950, 850, 750, 650, 550, _____

(a) 500 (b) 350 **(c) 450** (d) 400

14) How many days are there in a leap year?

(a) 364 (b) 365 **(c) 366** (d) 367

15) Which one gives the correct unit for area?

a) cm b) m **c) square cm** d) None of these

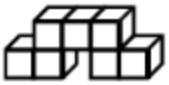
16) Area of a rectangle = _____

(a) **length ×breadth** (b) 2 × side (c) side × side (d) None of these

17) 23:00 is read as:

(a) 11:00 a.m. (b) **11:00 p.m.** (c) 1:00 p.m (d) 12:00 midnight

18) What is the volume of adjoining figure?

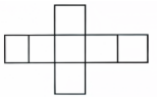


(a) 10 (b) 15 **(c) 7** (d) None of these

19) 6 metres = _____ centimetres

(a) 60 **(b) 600** (c) 6000 (d) 6

20) Which solid shape can be made from this net?



(a) cone (b) cylinder **(c) cube** (d) cuboid

SECTION -B **(8 × 2 = 16)**

21) Find: 75% of 400

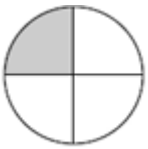
$\frac{75}{100}$×400=0.75×400 _____ (1)

=300

75% of 400 = 300 _____ (1)

OR

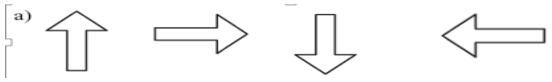
Calculate the percentage of the shaded part of the given figures.



Fraction = $\frac{1}{4}$ _____ (1)

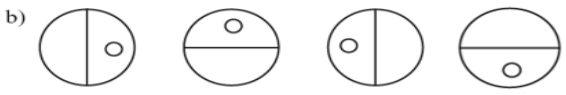
$\frac{1}{4}$×100%=25% _____ (1)

22) Observe the pattern and draw the next figure.

a) 

_____ (1)_

_____ (1)

b) 

23) Convert into seconds : 2 minutes 43 seconds

1 minute =60 seconds

2 minutes =2×60=120 seconds _____ (1)

2 minutes 43 seconds = 120+43

=163 seconds

2 minutes 43 seconds = 163 seconds _____ (1)

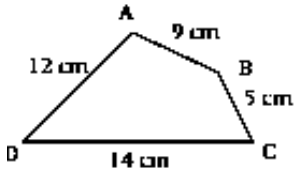
OR

Subtract: 1 minute 15 seconds from 4 minutes 25 seconds

4 min 25 sec
- 1 min 15 sec
----
3 min 10 sec

1 minute 15 seconds from 4 minutes 25 seconds: 3 minutes 10 seconds _____ (2)

24) Find the perimeter of the following figure.



perimeter of figure = 12 + 9+ 5+14 _____ (1)

= 40 cm _____ (1)

25) Name the following:

a) Two English alphabets that have no line of symmetry.

P, Q _____ (1)

b) Two English alphabets that have both horizontal and vertical lines of symmetry.

H, X _____ (1)

26) Find the profit or loss : C.P. = Rs200, S.P. = Rs 260

Given:

C.P. (Cost Price) = Rs 200

S.P. (Selling Price) = Rs 260

Since S.P. > C.P. , there is a Profit.

Profit=S.P.−C.P. _____ (1)

Profit=260−200

=60

Profit = Rs 60 _____ (1)

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

km, cm, mm, dam, dm, hm, m

km>hm>dam>m>dm>cm>mm

Descending order: -km, hm, dam, m, dm, cm, mm _____ (2)

28) Express 40% as fractions in the simplest form.

$40\% = \frac{40}{100} = \frac{2}{5}$ _____ **(2)**

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

29) Raman purchased a bike for Rs 85,530. He spent Rs 1,200 on its accessories. He then sold the bike for Rs 50,000. Calculate the profit or loss.

Given:
Cost price of bike = Rs 85,530
Accessories cost = Rs 1,200
Total Cost Price (C.P.)=85,530+1,200=86,730 _____ (1)
Selling Price (S.P.) = Rs 50,000
Since C.P. > S.P., there is a Loss.
Loss=C.P.−S.P. _____ (1)
Loss=86,730−50,000=36,730
Loss = Rs 36,730 _____ (1)

30) The cost of 8 notebooks is 96. Find the cost of 12 such notebooks.

Cost of 8 notebooks = Rs 96
Cost of 1 notebook = 96÷8=12 _____ (2)
Cost of 12 notebooks =12×12
=144
Cost of 12 notebooks = Rs 144 _____ (1)

31) Solve the following :

a) 18.5421 × 1000 = 18542.1 _____ (1)
b) 492.05 ÷ 100 = 4.9205 _____ (1)
c) 148.94 ÷ 10 = 14.894 _____ (1)

OR

If 2.34 × 4.89 = 11.4426, then find the value of the following:

a) 23.4 × 48.9 = 1144.26 _____ (1)
b) 0.234 × 0.489 = 0.114426 _____ (1)
c) 0.234 × 489 = 114.426 _____ (1)

32) A water container is 20 cm long, 15 cm wide and 13 cm deep. Find the volume of the container.

Given:
Length = 20 cm
Width = 15 cm _____ (1)
Height = 13 cm
Volume=Length×Breadth×Height _____ (1)
Volume=20×15×13 =300×13=
= 3900 cm3
Volume of the container = 3900 cm³_____ (1)

33) Convert as per directed

a) Convert 8256 L into hL.
1 hL=100 L
8256÷100 = 82.56 hL
8256 L = 82.56 hL _____ (1)

b) Convert 7 m into mm.

1 m=1000 mm
7×1000=7000 mm
7 m = 7000 mm _____ (1)

c) Convert 850 km into dm

1 km=10,000 dm
850×10,000=8,500,000 dm
850 km = 8,500,000 dm _____ (1)

OR

Multiply: 22 km 292 m by 7

22 × 1000 +292 =22292m _____ **(1)**
22292× 7 = 156 44 m _____ **(1)**
=156 km 44 m _____ **(1)**
22 km 292 m by 7 = 156 km 44 m

34) Add : 4 minutes 45 seconds and 5 minutes 32 seconds

4 min 45 sec
+ 5 min 32 sec
----
9 min 77 sec _____ **(1)**
Since 77seconds = 1 minute 17 seconds, carry 1-minute _____ **(1)**
4 minutes 45 seconds and 5 minutes 32 seconds=10 minutes 17 seconds _____ **(1)**

35) Sunil's office timings start at 9:15a.m. He works at the office for 8 hours 30 minutes. At what time does he leave the office?

Office starts at 9:15 a.m.
Working time = 8 hours 30 minutes
9:15 a.m.+8 hours = 5:15 p.m. _____ **(2)**
Now add 30 minutes:
5:15 p.m.+30 minutes=5:45 p.m. _____ **(1)**
Sunil leaves the office at 5:45 p.m.

36) 200 people watched a movie. 55% of the people liked the movie. How many people did not like the movie?

Total people = 200
Percentage of people who liked the movie = 55%
Number of people who liked the movie:
55% of 200 = $\frac{55}{100}$**×200 =110** _____ **(2)**
Number of people who did not like the movie = 200−110=90 _____ **(1)**

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

37) Look at the clock given alongside.

a) What time is on the clock?
4:05 _____ **(1)**

b) What time will it be in 5 hours and 15 minutes?
9:20 _____ **(1)**

c) What time was it 3 hours and 20 minutes ago?
4 : 05
- 3 : 20

Borrow 1 hour:
4:05=3:65 - 3:20
= 0 : 45 _____ **(2)**

d) What time is on the clock as per 24hrs?
16:05 hrs _____ **(1)**

OR

Look at the calendar of the year 2016 and answer the following questions.

OCTOBER, 2016						
SU	M	TU	W	TH	F	SA
						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, 2016						
SU	M	TU	W	TH	F	SA
		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, 2016						
SU	M	TU	W	TH	F	SA
				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) How many Sundays are there in November**? 4** _____ **(1)**
b) Which day is on the last date of December? **Saturday** _____ **(1)**
c) On which date is the first Monday of October falling? **3rd** _____ **(1)**
d) Do all the months in a year have the same number of days? **No** _____**(1)**
e) On which date is the second Saturday of November falling? **12**_____ **(1)**

38) Rohit and Meena are students of Class V. Their heights were measured during the annual health check-up.
Height of Rohit = 138.6 cm
Height of Meena = 142.35 cm
Answer the following questions:

a) Write 142.35 in word:-
142.35 in words is:

One hundred forty-two point three five _____ **(1)**

b) **Represent decimal number on a place value chart.** _____ **(2)**

Number	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
138.6	1	3	8	6		
142.35	1	4	2	3	5	

c) Write the height of Meena in expanded form.

Expanded form: 100 + 40 + 2 + 0.3 + 0.05 cm _____ **(1)**

d) Find the difference between the heights of Rohit and Meena.

142.35
- 138.60

3.75

Difference in height = 3.75 cm _____ **(1)**

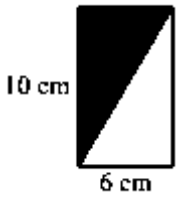
39) Daily wages (in Rs) of a group of workers working in a factory are: 650, 900, 750, 800, 1150, 980. Find the average wage of workers

Total wages
650+900+750+800+1150+980=5230 _____ **(2)**
Number of workers = 6

$$\text{Average} = \frac{\text{Total wages}}{\text{Number of workers}} = \frac{5230}{6} = 871.67$$

_____ **(3)**

40) Find the area of the shaded part.



Given:

- **Length = 10 cm**
- **Breadth = 6 cm** _____ **(1)**

Area of Rectangle=Length×Breadth _____ **(1)**

Area=10×6
Area = =60 sq cm. _____ **(1)**
area of the shaded part = 60 ÷ 2 = 30 *sq cm* _____**(2)**

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