

	BURARI PUBLIC SCHOOL a venture with UNIQUE
	PERIODIC TEST - 3 (2024 - 25) CLASS - V SUBJECT - MATHEMATICS Date <u> </u> / <u> </u> / <u> </u>

Time : 1 hour

M.M = 20

Name : **Roll No.....** **T. sign**

SECTION - A

Ques 1. Choose the correct options:

1/2 x 4 = 2 marks

1. Which one of the following fraction is NOT equivalent to 108/120?

a. 9/10	b. 54/60	c. 32/40	d. 27/30
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2. How many two-fifths will make $1 + 1/5$?

a. one	b. three	c. Five	d. Six
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3. Normal human body temperature is 98.6°F , that is equal to

a. 36°C	b. 37°C	c. 38°C	d. 35°C
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4. What should be added to 56.48 to get 70?

a. 14.44	b. 13.52	c. 13.25	d. 12.35
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Ques 2. Fill in the blanks :

1/2 x 4 = 2 marks

1. The boiling point of water in Fahrenheit is _____
2. The lowest term of an improper fraction is expressed as a _____ fraction.
3. $972.15 + 343.343 =$ _____
4. The melting point of ice in Celsius is _____

Ques 3. True or False :

1/2 x 4 = 2 marks

1. The fraction that has 1 as the numerator is called a unit fraction. ()
2. $3.9 - 3.6 + 2.4 + 1.7 = 39.42$ ()
3. Normal human body temperature is 98.6°F . ()
4. $^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 9/5$ ()

SECTION B

Ques 4. Solve :

8 x 1 = 8 marks

- i.** Reduce the following to the lowest term by dividing by their HCF:
 - a. $75/35$
 - b. $112/92$
- ii.** Compute :
 - a. $5\frac{3}{8} - 1\frac{3}{4}$
 - b. $3\frac{1}{5} + \frac{2}{3}$
 - c. 48 by $2\frac{2}{5}$
 - d. $\frac{8}{9} \times \frac{4}{5} \times 2\frac{1}{3}$
- iii.** Write in expanded form in decimal:
 - a. 72.075
- iv.** Arrange in Ascending Order:
 - a. 8.585, 85.85, 585.8, 858.5
- v.** Find:
 - a. $8.28 - 1.45 - 3.285 - 0.5$
 - b. 0.475×17.6
- vi.** Convert into Celsius:
 - a. 226.4°F
- vii.** Convert into Fahrenheit:
 - a. 45°C

SECTION C

Ques 5. WORD PROBLEMS

3 x 2 = 6 marks

- a. A cinema hall has 450 seats. $\frac{4}{5}$ seats were occupied in a show. How many people watched the movie? How many seats were vacant?
- b. Meera buys 4.5m of cloth for a dress. How much money will she have to pay if the cost of 1m of cloth is Rs.192.50?
- c. Kabir spends $\frac{1}{3}$ of his pocket money on books, $\frac{1}{5}$ on travelling and rest in food. If his pocket money is Rs.450, how much does he spend on

SECTION D

Ques 6 ASSERTION AND REASON

1 x 2 = 2 Marks

i. Assertion (A): Temperature is a measure of the degree of hotness of our body.

Reason (R): We use a clinical thermometer to measure the degree of hotness of our body

- a. If both assertion and reason are true, and reason is the true explanation of the assertion.
- b. If both the assertion and reason are true, but the reason is not the true explanation of the assertion

c. If assertion is true, but reason if false

d. If both assertion and reason are false.

ii. Assertion (A): The fraction $\frac{5}{12}, \frac{5}{10}, \frac{5}{8}, \frac{5}{2}$ are in Descending order.

Reason (R): in case of unlike fraction having same numerator, the fraction having the greatest numerator is the smallest.

- a. If both assertion and reason are true, and reason is the true explanation of the assertion.
- b. If both the assertion and reason are true, but the reason is not the true explanation of the assertion

c. If assertion is true, but reason if false

d. If both assertion and reason are false.