SECOND TERM EVALUATION 2024-25

MATHS MODEL QUESTION PAPER 2
Standard: V

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Instructions:

- **Attempt any 5 questions out of the 7 given.**

- **All questions carry equal marks (5 Marks each).**

Question 1

Write the decimal forms of:

a) 3 meters and 45 centimeters.

b) 7 liters and 125 milliliters.

c) 5 kilograms and 275 grams.

d) 12 millimeters.

e) A length of 1 meter 15 centimeters and 6 millimeters.

Question 2

Answer the following based on fractions:

a) Draw a rectangle divided into six equal parts and shade $\frac{2}{6}$.

b) Write two fractions equivalent to $\frac{4}{8}$.

c) Simplify $\frac{12}{16}$.

d) Write $1\frac{2}{3}$ as an improper fraction.

e) Divide a circle into eight parts and shade three-fourths of it.

Question 3

Solve the following:

a) A train journey starts at 6:45 AM and ends at 2:30 PM. How long is the journey?

b) A bus departs at 23:15 and arrives at 04:50 the next day. Calculate the duration.

c) Convert the following to 24-hour format:

i. 8:30 PM

ii. 10:45 AM

d) If the second hand of a clock completes a circle in 60 seconds, how long does it take for the hand to cover $\frac{3}{4}$ of the circle?

Question 4

Fill in the blanks:

a) $1 \, \text{cm} = \ldots \, \text{mm}$

b) $1 \, \text{kg} = \ldots \, \text{g}$

c) A ribbon of 5.25 meters is cut into 7 equal parts. The length of each part is ... meters.

d) Convert $9 \, \text{kg and } 500 \, \text{g}$ to decimal form in kilograms.

e) Simplify $\frac{8}{10}$ to its lowest terms.

Question 5

Solve the following:

a) A chocolate bar is divided into 12 equal parts. If 9 parts are eaten, what fraction is left?

b) Convert $\frac{15}{8}$ into a mixed number.

c) Draw a square and shade $\frac{3}{5}$ of it.

d) Divide 2 liters of water equally into 5 bottles. How much water is in each bottle?

e) A cake is cut into 16 equal slices, and 10 are eaten. Write the fraction eaten and simplify it.

Question 6

Complete the table:

Measurement	Fraction Form	Decimal Form
6 cm 5 mm		
2 liters 500 mL		
1 kilogram 750 grams		
8 meters 35 centimeters		

Question 7

Solve these real-life problems:

a) A train scheduled to leave at 17:50 is delayed by 45 minutes. What time does it leave?

b) A ribbon is 4.56 meters long. If it is cut into 8 equal pieces, find the length of each piece.

c) A 3-liter bottle of juice is poured equally into 6 glasses. How much juice is in each glass?

d) A student spent 2 hours and 45 minutes studying in the morning, 1 hour and 15 minutes in the afternoon, and 1 hour and 30 minutes in the evening. What is the total time spent studying?

e) Convert $19 : 15$ to 12-hour format.