C - 14

Real Life
Semester - II

SEMESTER – II
(SUMMATIVE ASSESSMENT – 2)

Mathematics

MARKS **50**

Class : 3

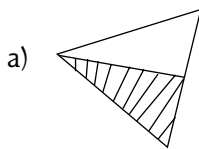**Time : 2 Hours**

Syllabus

Units : 1 to 8
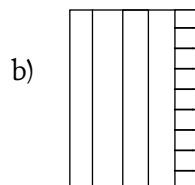
School Stamp

Testing Abilities
1. Problem Solving 2. Reasoning Proof 3. Communication 4. Connections 5. Representation

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SECTION – I

1. **Write the fraction represented by the shaded portion in each of the figures given below.**

(2 × 1 = 2 M)

a)

b)

Fraction = ☐

Fraction = ☐

2. **Write answers in the brackets provided.**

(4 × 1 = 4 M)

a) $\dfrac{3}{5}$ means _____

c) $\dfrac{5}{8}$ means _____

b) $\dfrac{1}{6}$ means _____

d) $\dfrac{2}{9}$ means _____ .

3. **Do the following additions.**

(2 × 1 = 2 M)

a) Rs. – P.

    19 – 22
    18 – 78
    _____

    _____

b) Rs. – P.

    13 – 20
    0 – 75
    _____

    _____

4. **Do the following multiplications.**

(2 × 1 = 2 M)

a) Rs. – P.

    72 – 55
    × 3
    _____

    _____

b) Rs. – P.

    40 – 15
    × 6
    _____

    _____

SECTION – II

1. **Pick out unit fractions of the following.** (3 × 1 = 3 M)

    a) $\dfrac{1}{9}, \dfrac{7}{18}, \dfrac{1}{12}$ _____

    b) $\dfrac{1}{10}, \dfrac{2}{3}, \dfrac{1}{5}, \dfrac{3}{4}, \dfrac{1}{3}$ _____

    c) $\dfrac{7}{12}, \dfrac{1}{12}, \dfrac{4}{15}, \dfrac{1}{13}$ _____

2. **Fill in the blanks.** (3 × 1= 3 M)

    a) 5 cm = _____ mm = _____ mm
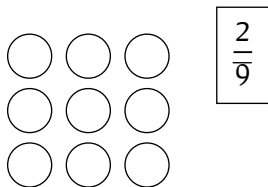
    b) 120 mm = _____ cm = _____ cm

    c) 5 m 25 cm = _____ cm

3. **In a state $\dfrac{2}{25}$ library portion of the books are on fiction, $\dfrac{3}{25}$ are on Epics and $\dfrac{6}{25}$ are on Mathematics. What portion of the total books are these three ?** (2 M)
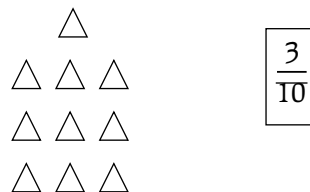
Sol.

4. **Shade the portion of each collection as indicated by the given fraction.** (4 × ½ = 2M)
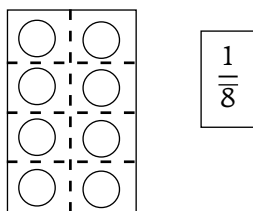
    a)

    $\boxed{\dfrac{2}{9}}$

    b)

    $\boxed{\dfrac{3}{10}}$

    c)

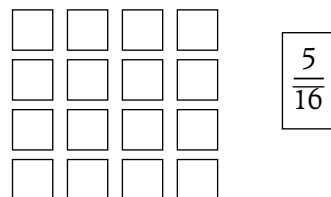 $\boxed{\dfrac{1}{8}}$

    d)

    $\boxed{\dfrac{5}{16}}$

SECTION – III

1. **The total mass of two boxes of apples is 25 kg 600 g. If the mass of one of these boxes is 14 kg 750 kg, what is the mass of the other box ?** (2 M)
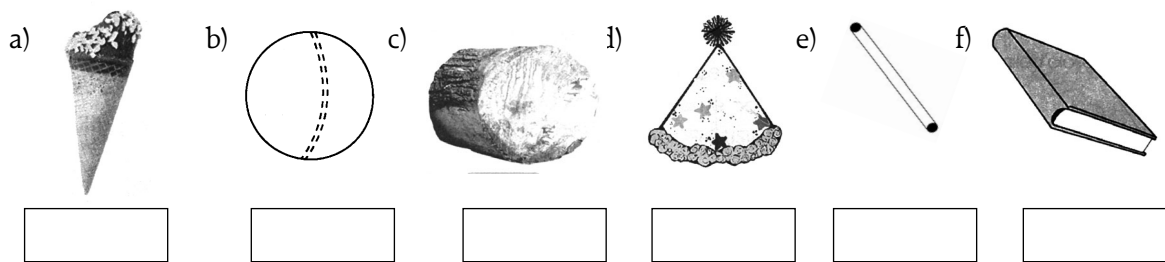
Sol.

2. A drum contains 80 *l* of kerosene. If during the day 54 *l* 750 m*l* of kerosene was sold away how much kerosene is still left in the drum ? (1 × 2 = 2 M)

Sol.

3. Convert the following into grams. (6 × ½ = 3 M)

a) 5 kg 275 g _____   d) 9 kg _____

b) 2 kg 75 g _____   e) 3 kg 240 g _____

c) 3 kg 30 g _____   f) 2 kg 222 g _____

4. Some shapes are given below. Write the name of the shape in the blanks. (6 × ½ = 3 M)

a)   b)   c)   1)   e)   f)

[ ]   [ ]   [ ]   [ ]   [ ]   [ ]

SECTION – IV

1. Fill in the boxes in the following. (4 × ½ = 2 M)

a) $\dfrac{2}{3} = \dfrac{6}{\square}$ b) $\dfrac{1}{4} = \dfrac{\square}{8}$

c) $\dfrac{\square}{25} = \dfrac{3}{5}$ d) $\dfrac{5}{\square} = \dfrac{1}{4}$
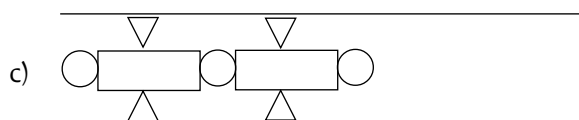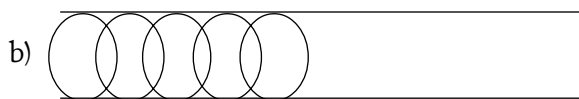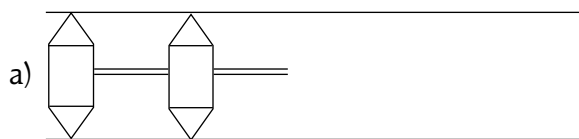
2. Convert the following into paise. (4 × ½ = 2 M)

a) 32 rupees = _____

b) 8 rupees 20 paise = _____

c) Rs. 75.10 = _____

d) Rs. 6.05 = _____

3. Write the following times using a.m. or p.m. (6 × ½ = 3 M)

a) 7 : 15 in the morning _____

b) 9 O' clock in the night _____

c) 11 : 45 before 12 Noon _____

d) 5 : 30 in the evening _____

e) 12 O' clock in the day _____

f) 10 : 30 in the morning _____

4. Study each pattern given below and continue the series. (3 × 1 = 3 M)
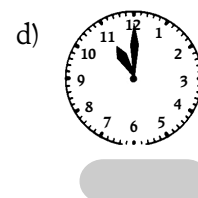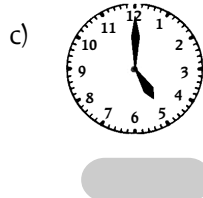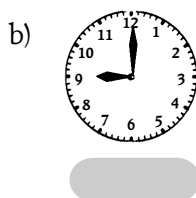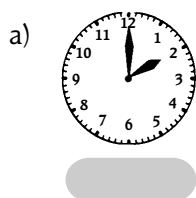
a)

b)

c)

SECTION – V

1. Match each fraction under Group - A with its equivalent under Group – B.

(6 × ½ = 3 M)

A			B
1) $\dfrac{2}{3}$	( )	A)	$\dfrac{3}{27}$
2) $\dfrac{4}{5}$	( )	B)	$\dfrac{2}{7}$
3) $\dfrac{1}{9}$	( )	C)	$\dfrac{1}{3}$
4) $\dfrac{10}{25}$	( )	D)	$\dfrac{4}{6}$
5) $\dfrac{16}{48}$	( )	E)	$\dfrac{2}{5}$
6) $\dfrac{20}{70}$	( )	F)	$\dfrac{8}{10}$

2. Write the time shown on each clock dial (in the box given). (4 × 1 = 4 M)

a)   b)   c)   d)

3. Find the cost of 15 litres of milk at the rate of Rs. 13 – 50 per litre. (3 M)

Sol.

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