

Convert into millimetres

Q1 @ 6 cm

Sol -

$$1 \text{ cm} = 10 \text{ mm}$$

$$6 \text{ cm} = 6 \times 10 \\ = 60 \text{ mm Ans.}$$

(b) 21 cm

Sol -

$$1 \text{ cm} = 10 \text{ mm}$$

$$21 \text{ cm} = 21 \times 10 \\ = 210 \text{ mm Ans.}$$

© 3 m

Sol -

$$1 \text{ m} = 1000 \text{ mm}$$

$$3 \text{ m} = 3 \times 1000 \\ = 3000 \text{ mm Ans.}$$

(d) 10 m

Sol -

$$1 \text{ m} = 1000 \text{ mm}$$

$$10 \text{ m} = 10 \times 1000 \\ = 10,000 \text{ mm Ans.}$$

Q2 @ 3 cm 9 mm

Sol -

$$1 \text{ cm} = 10 \text{ mm}$$

$$3 \text{ cm } 9 \text{ mm} = 3 \times 10 + 9 \\ = 30 + 9 \\ = 39 \text{ mm Ans.}$$

(5) 11 cm 4 mm

Sol -

$$1 \text{ cm} = 10 \text{ mm}$$

$$11 \text{ cm } 4 \text{ mm} = 11 \times 10 + 4 \\ = 110 + 4 \\ = 114 \text{ mm Ans.}$$

© 2 m 39 cm

Sol 1 m = 1000 mm

$$1 \text{ cm} = 10 \text{ mm}$$

$$2 \text{ m } 39 \text{ cm} = 2 \times 1000 + 39 \times 10 \\ = 2000 + 390 \\ = 2390 \text{ mm Ans.}$$

(d) 15 m 5 cm

Sol - 1 m = 1000 mm

$$1 \text{ cm} = 10 \text{ mm}$$

$$15 \text{ m } 5 \text{ cm} = 15 \times 1000 + 5 \times 10 \\ = 15000 + 50 \\ = 15050 \text{ mm Ans.}$$

Q3:- Convert into metres

(a) 3 km

Sol -

$$1 \text{ km} = 1000 \text{ m}$$

$$3 \text{ km} = 3 \times 1000 \\ = 3000 \text{ m Ans.}$$

(b)

47 km

Sol -

$$1 \text{ km} = 1000 \text{ m}$$

$$47 \text{ km} = 47 \times 1000 \\ = 47,000 \text{ m Ans.}$$

Q3 (c) 600 cm

Sol -

$$1 \text{ cm} = \frac{1}{100} \text{ m}$$

$$600 \text{ cm} = \frac{600 \times 1}{100} \\ = 6 \text{ m Ans.}$$

Q4 (a) 9 Km 167 m

Sol -

$$1 \text{ Km} = 1000 \text{ m}$$

$$9 \text{ Km } 167 \text{ m} = 9 \times 1000 + 167 \\ = 9000 + 167 \\ = 9167 \text{ m Ans.}$$

(c) 9200 cm

Sol -

$$1 \text{ cm} = \frac{1}{100} \text{ m}$$

$$9200 \text{ cm} = \frac{9200}{100} \\ = 92 \text{ m Ans.}$$

Convert into Kg and g

Q5 (a) 5000 g

Sol - $1 \text{ g} = \frac{1}{1000} \text{ Kg}$

$$\begin{array}{r} 0005 \\ 1000 \overline{) 5000} \\ \underline{5000} \\ 0000 \end{array}$$

$$\text{Ans} = 5 \text{ Kg } 00 \text{ g.}$$

(c) 7250 g

Sol - $1 \text{ g} = \frac{1}{1000} \text{ Kg}$

$$\begin{array}{r} 0007 \\ 1000 \overline{) 7250} \\ \underline{7000} \\ 0250 \end{array}$$

$$\text{Ans} = 7 \text{ Kg } 250 \text{ g.}$$

(d) 71000 mm

Sol -

$$1 \text{ mm} = \frac{1}{1000} \text{ m}$$

$$71000 \text{ mm} = \frac{71000}{1000} \\ = 71 \text{ m Ans.}$$

(b) 35 Km 75 m

Sol -

$$1 \text{ Km} = 1000 \text{ m}$$

$$35 \text{ Km } 75 \text{ m} = 35 \times 1000 + 75 \\ = 35000 + 75 \\ = 35075 \text{ m Ans.}$$

(d) 48000 mm

Sol -

$$1 \text{ mm} = \frac{1}{1000} \text{ m}$$

$$48000 \text{ mm} = \frac{48000}{1000} \\ = 48 \text{ m Ans.}$$

(b) 16,000 g

Sol - $1 \text{ g} = \frac{1}{1000} \text{ Kg}$

$$16000 \text{ g} = \frac{16000}{1000} \\ = 16 \text{ Kg } 0 \text{ g.}$$

(d) 13178 g

Sol - $1 \text{ g} = \frac{1}{1000} \text{ Kg}$

$$\begin{array}{r} 00013 \\ 1000 \overline{) 13178} \\ \underline{10000} \\ 3178 \\ \underline{3000} \\ 0178 \end{array}$$

$$\text{Ans} = 13 \text{ Kg } 178 \text{ g.}$$

Convert into millilitres —

Q 6 @ 6 litres

Sol —

$$1 \text{ l} = 1000 \text{ ml}$$

$$6 \text{ l} = 6 \times 1000$$

$$= 6,000 \text{ ml Ans.}$$

Q 1 l 16 ml

Sol —

$$1 \text{ l} = 1000 \text{ ml}$$

$$1 \text{ l } 16 \text{ ml} = 1000 + 16$$

$$= 1016 \text{ ml Ans.}$$

Convert: —

Q 7 @ 95 mm into cm and mm

Sol —

$$1 \text{ mm} = \frac{1}{10} \text{ cm}$$

$$\begin{array}{r} 09 \\ 10 \overline{) 95} \\ \underline{90} \\ 05 \end{array}$$

$$\text{Ans} = 9 \text{ cm } 5 \text{ mm}$$

Q 9 m 62 cm into cm

Sol —

$$1 \text{ m} = 100 \text{ cm}$$

$$9 \text{ m } 62 \text{ cm} = 9 \times 100 + 62$$

$$= 900 + 62$$

$$= 962 \text{ cm Ans.}$$

Q 5009 cm into m and cm

Sol —

$$1 \text{ cm} = \frac{1}{100} \text{ m}$$

$$\begin{array}{r} 0050 \\ 100 \overline{) 5009} \\ \underline{5000} \\ 9 \\ \underline{0} \\ 9 \end{array}$$

$$\text{Ans} = 50 \text{ m } 9 \text{ cm}$$

Q 45 litres

Sol —

$$1 \text{ l} = 1000 \text{ ml}$$

$$45 \text{ l} = 45 \times 1000$$

$$= 45000 \text{ ml Ans.}$$

Q 8 l 325 ml

Sol —

$$1 \text{ l} = 1000 \text{ ml}$$

$$8 \text{ l } 325 \text{ ml} = 8 \times 1000 + 325$$

$$= 8000 + 325$$

$$= 8325 \text{ ml Ans.}$$

Q 237 cm into m and cm

Sol —

$$1 \text{ cm} = \frac{1}{100} \text{ m}$$

$$\begin{array}{r} 002 \\ 100 \overline{) 237} \\ \underline{200} \\ 037 \end{array}$$

$$\text{Ans} = 2 \text{ m } 37 \text{ cm}$$

Q 9703 m into Km and m

Sol —

$$1 \text{ m} = \frac{1}{1000} \text{ Km}$$

$$\begin{array}{r} 0009 \\ 1000 \overline{) 9703} \\ \underline{9000} \\ 0703 \end{array}$$

$$\text{Ans} = 9 \text{ Km } 703 \text{ m}$$

Q 7065 m in Km and m

Sol —

$$1 \text{ m} = \frac{1}{1000} \text{ Km}$$

$$\begin{array}{r} 0007 \\ 1000 \overline{) 7065} \\ \underline{7000} \\ 65 \end{array}$$

$$\text{Ans} = 7 \text{ Km } 65 \text{ m}$$

Q 28 (a) 10 kg 55g into g.

Sol- $1 \text{ kg} = 1000 \text{ g}$
 $10 \text{ kg } 55 \text{ g} = 10 \times 1000 + 55$
 $= 10000 + 55$
 $= 10055 \text{ g Ans.}$

Q 28 (b) 8045 g into kg and g.

Sol- $1 \text{ g} = \frac{1}{1000} \text{ kg}$

$$\begin{array}{r} 000 \text{ B} \\ 1000 \overline{) 8045} \\ \underline{8000} \\ 45 \end{array}$$

Ans = 8 kg 45g.

Q 29 (a) 2060 ml into l and ml.

Sol- $1 \text{ ml} = \frac{1}{1000} \text{ l}$

$$\begin{array}{r} 000 \text{ 2} \\ 1000 \overline{) 2060} \\ \underline{2000} \\ 60 \end{array}$$

Ans = 2 l 60 ml

Q 29 (b) 11008 g into kg and g.

Sol- $1 \text{ g} = \frac{1}{1000} \text{ kg}$

$$\begin{array}{r} 000 \text{ 11} \\ 1000 \overline{) 11008} \\ \underline{10000} \\ 1008 \\ \underline{1000} \\ 8 \end{array}$$

Ans = 11 kg 8g.

Q 29 (c) 5 l 75 ml into ml.

Sol- $1 \text{ l} = 1000 \text{ ml}$
 $5 \text{ l } 75 \text{ ml} = 5 \times 1000 + 75$
 $= 5000 + 75$
 $= 5075 \text{ ml Ans.}$

Q 29 (d) 6325 ml into l and ml.

Sol- $1 \text{ ml} = \frac{1}{1000} \text{ l}$

$$\begin{array}{r} 000 \text{ 6} \\ 1000 \overline{) 6325} \\ \underline{6000} \\ 325 \end{array}$$

Ans = 6 l 325 ml