

EX 13(B)

1. Find

$$a. 35\% \text{ of } 200 = \frac{35}{100} \times \cancel{200} = 70$$

$$b. 19\% \text{ of } 600 = \frac{19}{100} \times \cancel{600} = 114$$

$$c. 21\% \text{ of } ₹1800 = \frac{21}{100} \times \cancel{1800} = ₹378$$

$$d. 16\frac{2}{3}\% \text{ of } ₹3000 = \frac{50}{3} \times \frac{3000}{100} = ₹500$$

$$e. 24\% \text{ of } 60 \text{ liters} = \frac{24}{100} \times \frac{60000}{1000} = \frac{14400}{1000} = 14.4 \text{ liters} = 14 \text{ liters } 400 \text{ ml}$$

$$f. 45\% \text{ of } 900 \text{ m} = \frac{45}{100} \times \frac{900}{1000} = \frac{405}{100} = 4.05 \text{ m}$$

$$80\% \text{ of } 1200 = \frac{80}{100} \times \cancel{1200} = 960$$

h. $37\frac{1}{2}\%$ of ~~1240~~ kgs = ~~70~~ kg

h. $37\frac{1}{2}\%$ of $\frac{190000}{1000} = 525$ kg

i. 14090 of $\text{₹}1500 = \frac{140}{100} \times \frac{150000}{100}$

= $\frac{1640}{100} = 76.40 \text{ ₹} 2100$

Express

1. 15 paise as percentage of $\text{₹}17$

Ans $\frac{15}{100} \times 100 = 15\%$

2. 20 as a percentage of 25

Ans $\frac{20}{25} \times 25 = 20\%$

(c) 600 as a percentage of 100

$$\text{Ans } \frac{600}{100} \times 100\% = 600\%$$

d) 500 as a percentage of 1000

$$\text{Ans } \frac{500}{1000} \times 100\% = 50\%$$

(e) 12 g as a percentage of 500 g

$$\text{Ans } \frac{12}{500} \times \frac{500}{1000} = 600 \frac{12}{2000} \%$$

f) 10 litres as a percentage of 1000

$$\text{Ans } \frac{10}{1000} \times \frac{15000}{1000} = 150\%$$

g) 350 m as a percentage of 3500

$$\text{Ans } 10\%$$

Q) ~~350m~~ 250g as a percentage of
2kg

Ans 12.5%

Q) 76P as percentage of 42

= 18.25

Q) 29cm as a percentage of 24m

Ans 9.6%