

### Question 1

10mg tab  $\rightarrow$  21  $\rightarrow$  21 days  
10mg tab - 8 times a day  $\rightarrow$  21 days

Pharmacy  $\rightarrow$  5mg tab.

$\therefore$  for actual dosage.

10mg  $\rightarrow$  8 times a day  $\rightarrow$  21 days.

Assume

$$(5 \text{ mg} \times 2) = 10 \text{ mg.}$$

$$\text{Total issued} = (215 \text{ mg} \times 2) \\ = 425 \text{ mg.}$$

$\therefore$  215 mg  $\rightarrow$  3 times a day  $\rightarrow$  21 days.

### Question 2

1 bottle  $\rightarrow$  2.5 ml.

1 ml  $\rightarrow$  20 drops.

Soln.

1 ml  $\rightarrow$  20 drops  
2.5 ml  $\rightarrow$  ?

$$= \frac{2.5 \text{ ml} \times 20}{1} = 50 \text{ drops}$$

$\Rightarrow$  1 drop  $\rightarrow$  20  $\rightarrow$  1 day.

50 drops  $\rightarrow$  2.5 days  $\rightarrow$  ?

$$= \frac{50 \text{ drops} \times 1 \text{ day}}{1 \text{ drop}} = \underline{\underline{50 \text{ days}}}$$

### Question 3

1.5 teaspoonful twice a day  
 $\rightarrow$  1.5  $\times$  2 = 3 teaspoonful @ day

Soln.

1 teaspoonful  $\rightarrow$  5 ml

3 teaspoonful  $\rightarrow$  1 day  
?  $\leftarrow$  14 days

$$\frac{14 \text{ days} \times 3 \text{ teaspoon}}{1 \text{ day}} = 42 \text{ teaspoon}$$

$\therefore$  1 teaspoonful  $\rightarrow$  5 ml  
42 teaspoonful = ?

$$= \frac{42 \text{ teaspoon} \times 5 \text{ ml}}{1 \text{ teaspoon}} = \underline{\underline{210 \text{ ml.}}}$$

$$\Rightarrow \underline{\underline{210 \text{ ml.}}}$$

### Question 5

Prescriber  $\rightarrow$  10g  $\rightarrow$  15 ml.  
20g @ 3 times a day for 30 days.

$$= 20 \times 3 = 60 \text{ g/day} \rightarrow 30 \text{ days}$$

$$= 60 \times 30 = \underline{\underline{1800 \text{ g.}}}$$

$\therefore$  if 10g  $\rightarrow$  15 ml  
1800g  $\rightarrow$  ?

$$= \frac{1800 \text{ g} \times 15 \text{ ml}}{10 \text{ g}}$$

$$= \underline{\underline{2700 \text{ ml.}}}$$