

P244

1) 0-1000ml, run 50ml/hr IV  
S- 1000ml

$$x = \frac{9\text{H}}{\text{min}} \frac{150\text{ml}}{\text{hr}} \frac{1\text{hr}}{60\text{min}} \frac{10\text{H}}{\text{ml}} \frac{60}{25}$$

$$x = \frac{9\text{H}}{\text{min}} \frac{150\text{ml}}{\text{hr}} \frac{1\text{hr}}{60\text{min}} \frac{60\text{H}}{\text{ml}} \frac{150}{150}$$

- a) 6.66 → Thrus
- b) 250gtt/min macro - 50gtt/min micro
- c) macro

2) 0-100ml hrs=360mins  
a) 17gtt/min 30gtt/min  
b) micro

$$x = \frac{9\text{H}}{\text{min}} \frac{10\text{H}}{\text{ml}} \frac{100\text{ml}}{\text{hr}} \frac{1\text{hr}}{60\text{min}} \frac{100\text{ml}}{2.77} \frac{1\text{hr}}{2.8} \times \frac{9\text{H}}{\text{min}} \frac{60\text{H}}{\text{ml}} \frac{100\text{ml}}{6\text{H}} \frac{1\text{hr}}{60\text{min}} \frac{1\text{hr}}{60\text{min}}$$

3) 0-50ml - 3hrs  
S- 250ml + macro - ml ml

Just let 10 run + then stop  
a) 3x60 = 180mins  
c) micro

$$\frac{9\text{H}}{\text{min}} \frac{15\text{ml}}{\text{hr}} \frac{15\text{H}}{\text{ml}} \frac{250}{150} \frac{15}{150} \frac{15}{150} \frac{15}{150} \frac{15}{150} \frac{15}{150}$$

Waste 100ml

4) 0-500ml same for 2 hrs  
= 2ml/hr

5) 0-100mg S-100mg  
a) 100mg to 250 DSW + gic over 1hr  
b) 42gtt/min

$$\frac{9\text{H}}{\text{min}} \frac{10\text{H}}{\text{ml}} \frac{25\text{ml}}{1\text{hr}} \frac{1\text{hr}}{60\text{min}} \frac{250}{60} \frac{11.66}{42\text{gtt/min}}$$

6) 0-500mg in 250ml to run 5hrs  
S- 1g/ml - macro

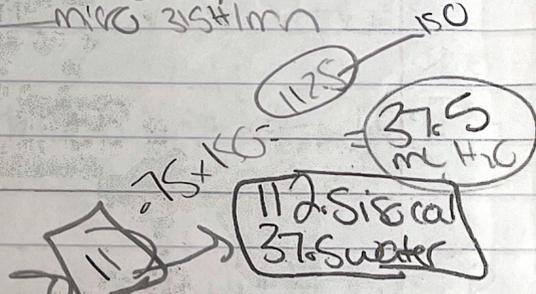
a) 5ml  
b) 250 = 3.2 = 31ml/hr  
micro 35gtt/min

7)  $NS \times 20 = 2500 + 300 = 2800\text{ml}$

8) 0-1000ml to run at 100ml/hr  
S-

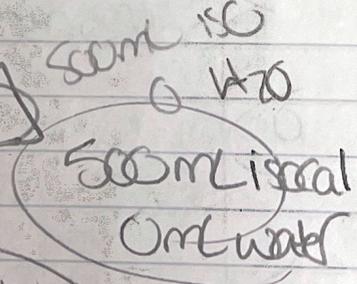
a) 100ml/hr  
b)  $\frac{1000}{90} = 11.1 = 11\text{hrs}$

9) 50mg



10) 0-5ml in Cor S- 5ml, 5ml, 5ml 60mg/ml

a) 5ml  
b) 50ml/hr



12)  $.75 \times 500 \rightarrow 250$

250 ml + 2500

13)  $.75 \times 100 = 100$

300 ml H2O + 1000ml

250ml water 250ml UNOX

100ml 0.5ml H2O 200ml water

ps 26d

1) O-800 u/hr  
S-25,000 u in 250ml

a)  $\frac{1 \text{ ml}}{\text{hr}} \frac{250 \text{ ml}}{25,000} = \frac{800 \text{ u}}{\text{hr}} \frac{25,000}{25,000} = 8$   
b)  $\frac{250 \text{ ml}}{8 \text{ ml/hr}} = 31.25 = 31 \text{ hrs}$

2) O-500mg in 100ml over 1hr  
S-500mg in 100ml

a)  $\frac{500 \text{ mg}}{1 \text{ hr}} = 500 \text{ mg/hr}$   
b)  $\frac{100 \text{ ml}}{1 \text{ hr}} = 100 \text{ ml/hr}$

3) O-2ug in 24h  
S-2ug in 100ml

$\frac{1000 \text{ ml}}{24 \text{ hrs}} = 42 \text{ ml/hr}$

4) O-10mg/hr  
S-125mg in 100ml

a)  $\frac{100 \text{ ml}}{125 \text{ mg}} \frac{10 \text{ mg}}{\text{hr}} \frac{1,000}{125} = 8 \text{ ml/hr}$

5) O-4mg/hr  
S-100mg in 100ml

$\frac{100}{100} \times \frac{4}{1} = \frac{400}{100} = 4 \text{ ml/hr}$

6) O-15 u/hr  
S-125 u in 250ml

a) rate  $\frac{250 \text{ ml}}{15} = 15 \text{ u/hr} = 3750$   
b)  $\frac{125}{15} = 8 \text{ hrs}$

7) O-50mg in 250ml over 24h  
S-

$\frac{250 \text{ ml}}{24 \text{ hrs}} = 10 \text{ ml/hr}$

8) O-1200 u/hr  
S-25,000 u in 500ml

a) rate  $\frac{500 \text{ ml}}{25,000} \frac{1200}{1} = 24 \text{ ml/hr}$   
b)  $\frac{1200}{24} = 50 \text{ hrs}$

9) O-23 u/hr  
S-250 u in 250ml

a) rate  $\frac{250 \text{ ml}}{250} \frac{23}{1} = 23 \text{ ml/hr}$   
b)  $\frac{250}{23} = 11 \text{ hrs}$

10) O-100,000 u/hr over 24h  
S-750,000 u in 250ml

a) rate  $\frac{250}{750,000} \frac{100,000}{1} = 33 \text{ ml/hr}$   
b)  $\frac{100,000}{33} = 3030 \text{ hrs}$