

- 1) **Enalapril Maleate Mixture 1mg/ml** Answer
- | | | | | | |
|--------------------------|-------|----|-------|----|----------------------|
| Enalapril maleate | 0.1g | | | | |
| Citric acid monohydrate | 0.35g | | | | 60mg = 3 tabs |
| Sodium citrate dihydrate | 1g | | | | 210 mg |
| Water | | to | 100ml | to | 600mg |
| Mitte | 60ml | | | | 60ml |

Calculate quantities for all ingredients. You have Enalapril tablets 20mg in stock. Indicate how many of these you require for this formulation

- 2) Rx Bricanyl aerosol inhaler 250mcg (400 dose OP) 1 or 2 puffs q 4-6h od
 Beclomethasone inhaler 100mcg (200 dose OP) 2 puffs bd
 Calculate quantities to dispense for 3/12 stat supply (pt going overseas)

No. of Bricanyl inhalers ...**3**..... No. of Beclomethasone inhalers.....**2**.....

- 3) **Rx The Lotion** Answer
- | | | | | | |
|----------------------|-----|----|------|----|--------------|
| Sulphur ppt | 3% | | | | |
| Salicylic acid | 3% | | | | 900mg |
| Hydrocortisone | 1% | | | | 900mg |
| Emulsifying ointment | 10% | | | | 300mg |
| Water | | to | 30ml | to | 3g |

Calculate the quantities of each ingredient required to prepare 30ml of lotion

- 4) **Simple Linctus** Answer
- | | | | | | |
|---------------------------|---------|----|-----|----|---------------|
| Citric acid monohydrate | 125mg | | | | |
| Anise water concentrated | 0.05ml | | | | 25g |
| Amaranth solution | 0.075ml | | | | 10ml |
| Comp.hydroxybenzoate soln | 1ml | | | | 15ml |
| Syrup | | to | 5ml | to | 200ml |
| | | | | | 1000ml |

Calculate actual quantities of ingredients needed to make 1 litre of Simple Linctus

- 5) **Rx Paracetamol suspension 120mg/5ml**
 15mg/kg up to 4 times a day for pain or fever.
 Mitte : 10/7 supply

This Rx is for a child weighing 5.2kg. How much will you dispense?

Answer**130ml**.....

- 6) How many mls of a 1:1000 solution of adrenaline would you need to administer a dose of 0.8mg of Adrenaline? Answer**0.8ml**.....
 How many mls of a 1:10,000 Adren soln contain the same dose? Answer...**8ml**.....