

- 1) **Enalapril Maleate Mixture 1mg/ml** Answer
- | | | | |
|--------------------------|----|-------|--|
| Enalapril maleate | | 0.1g | |
| Citric acid monohydrate | | 0.35g | |
| Sodium citrate dihydrate | | 1g | |
| Water | to | 100ml | |
| Mitte | | 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 No. of Beclomethasone inhalers.....

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

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 | |
| Amaranth solution | | 0.075ml | |
| Comp.hydroxybenzoate soln | | 1ml | |
| Syrup | to | 5ml | |

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

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