

Adult Nursing: Practice Questions 3

1. Mr James is prescribed codeine phosphate 0.03g q.d.s. In stock are 15mg tablets. How many tablets will you give him in 12 hours?
2. Ms Khan is prescribed metronidazole 450mg t.d.s. What is the total amount of metronidazole in grams that she will receive in 24 hours?
3. The doctor has ordered the antibiotic cidomycin 5.5mg/kg/day IV for Mr Lee, a patient weighing 82kg who has pneumonia. How many mg of cidomycin will he receive in 24 hours?
4. Mrs May has been prescribed 1mg/kg enoxaparin sodium 12-hourly. She weighs 83.5 kg. How many mg of enoxaparin sodium will you administer for each dose?
5. Nora has dementia and requires a dose of 2mg haloperidol PO. Oral solution in stock is 200mcg/mL. How many mL will you administer?
6. Otto, an acutely ill patient is being infused with 1 litre of Hartmann's solution via a volumetric pump at 250mL/hr. What volume of fluid in mL should be remaining in the infusion bag after 1.5 hours?
7. A 125mL bag of 0.9% Normal Saline containing 250mg amBisome needs to be infused over 30 minutes via a volumetric pump for Miss Patel. At what rate in mL /hr will you set the pump?
8. Mr Robinson is prescribed 1L of 5% dextrose to run over 6 hours using an IV infusion set that delivers 20 drops/mL. To the nearest whole number, how many drops/min will you need to set the infusion at?
9. Sara has been prescribed 750mg of cefuroxime. 250mg vials of cefuroxime powder are in stock and each vial needs to be reconstituted with 3mL of water. What is the final concentration of cefuroxime in mg/mL to 1 d.p?
10. An adrenaline epipen is labelled 1:2000. What is the concentration of adrenaline in the epipen in mg/mL?

Answers

1. 4 tablets
2. 1.35g
3. 451mg
4. 83.5mg
5. 10mL
6. 625mL
7. 250mL/hr
8. 56drops/min
9. 83.3mg/mL
10. 0.5mg/mL