9. Ordered Lasix 24 g IV push now. Available: 22,000,000 mcg in 12 mL. How much will the nurse draw up? 22,000,000mcg =

$$\frac{(24g)(12mL)}{22g} = \boxed{13.1mL}$$

10. Calculate the IV flow rate for 392 mL of D5W IV over 582 min. Infusion set has drop factor of 74 gtts/mL. What is the IV flow rate in gtts/min?

$$\frac{392mL}{582min}(74) = \boxed{49.8gtts/min}$$

11. From 0700 to 1800 the nurse calculates the patient's total intravenous fluid intake as [1] milliliters. An IV is infusing at 100 mL/hour. At 0900 and 1500, the patient will receive IVPB of 75 mL for 30 minutes. What is the total amount the patient will receive during this time?

0700-1800 = 11 HRS

(10)(100) = 1000mL
(1)(150) = 150mL

2HRS 0700-0900 = 200mL
30Min 0900-0930 = 75mL
5.5HR 0930-1500 = 550mL
30Min 1500-1530 = 75mL

1530-1800 = 250mL

$\boxed{1,150mL}$

12. Ordered 7 g of Amoxicillin. Amoxicillin is available as 0.016 kg per 20 mL. How much will the nurse draw up? 0.016kg = 16g

$$\frac{(7g)(20mL)}{16g} = \boxed{8.8mL}$$

13. Potassium chloride is available as 0.016 kg per tablet. Potassium Chloride (K-Dur), 24,000,000 mcg, is ordered. How many tablets would the nurse administer?

$$\frac{(24,000,000mcg)(1tab)}{16,000,000} = \boxed{1.5tab}$$

14. Aggrastat at 23.8 mg in 129 mL is to be infused at 3 mcg/kg/hr in a patient who weighs 82 kg. At what flow rate in mL/hr will you set the pump? (3)(82) = 246mcg = 0.246mg

$$\frac{(0.246mg)}{23.8mg}(129mL) = \boxed{1.3mL/hr}$$

15. **Administer 0.06 g of codeine po now. Available are 30 mg tablets. How many tablets should the nurse administer?**

$$\frac{(0.06g)(1tab)}{0.03g} = \boxed{2tab}$$