14. Insulin can be administered by what other routes?
    a. Subcutaneous, intravenous, self-administered pens
    b. Intramuscular, inhalation, intradermal
    c. Subcutaneous, intradermal, sublingual
15. One balanced electrolyte solution is which of the following?
    a. D5NS
    b. LR
    c. 0.9% NSS
    d. 0.45% NSS
16. Identify which of the following solutions is the weakest?
    a. 1:1000
    b. 1:10,000
    c. 1:5
17. There are two bottles of milk of magnesium on the shelf at the pharmacy. One bottle contains 9.5 oz and the other 300 mL. Which has the larger volume?
    a. $9.5oz \times 30 = 285mL$ 300mL bottle
18. The recommended dose of Dilantin for a child is 3 mg/kg/24 hr given every 12 hours. The patient's weight is 10 lbs. The medication is supplied in 250 mg/10 mL.
    a. Calculate the weight for the child in kg $10 \div 2.2 = 4.\overline{54} = 4.5kg$
    b. Calculate the safe dose for the child in mg/dose $\frac{3mg}{1kg} \mid \frac{4.5kg}{1day} = 13.5mg/day \div 2doses = 6.75mg$ (2 doses)
    c. How many milliliters will be administered for each dose? $\frac{6.75mg}{250mg} \mid \frac{10mL}{} = 0.27mL = 0.3mL$
19. The patient is ordered Tylenol elixir at 325 mg per 2 teaspoons (tsp.) How many mL would the nurse administer? 1tsp = 5mL
    a. $2tsp = 10mL$
20. An IV medication of 250 mL is started at 0750 to run at 33 gtts/min using a 10 gtts/mL set. How long will the infusion run? $\frac{250mL}{1mL} \mid \frac{10gtts}{33gtts} \mid \frac{1min}{} = 75.\overline{75} = 76min = 1hr, 16min$
    a.