Health Science I & II Systems of Measurement

PLEASE REMEMBER TO SHOW ALL YOUR WORK!!! Round all answers to the nearest hundredth.

Questions 1 and 2: As a Health Care Assistant you are helping with the assessment of an infant. The baby is 19 inches long and weighs 6 pounds.

- 1. What is the baby's length in cm?
- 2. What is the baby's weight in kg and g?
- 3. A Nurse is preparing an IM injection for the patient. The Doctor ordered 10 mL of Rocephin. The syringe is a cc syringe. How many cc's would the nurse draw up in the syringe?
- 4. A patient voids 650 cc's into the specimen hat. How many fluid ounces would that be?
- 5. A baby drinks a 5 fl. oz. bottle of milk. How many mL's is this?
- 6. The bleeding patient received a blood transfusion of 500 mL. How many cc's will the patient receive?

Questions 7 and 8: My grandson weighed 8 lbs., 7 oz. at birth.

- 7. What was his weight in g?
- 8. What was his weight in kg?

Questions 9 and 10: Susie Q went to the doctor, the nurse told her she weighed 72 kg, and was 126 cm. This confused Susie Q, so please convert this so she will know what her height and weight is in lbs. and ft. & in.

9. What is her weight in lbs?

10. What is her height in ft. & in.?

11. The laceration on Mrs. Jone's abdomen is 6" long. How long is the laceration in cm?

Questions 12 through 19: On the 1st line: A = US Customary/Household System B = Metric System On the 2nd line: write the correct symbol/abbreviation

12 Drop	13Teaspoon
14 Milliliter	15 Fluid Ounce
16 Milligram	17 Tablespoon
18 Cubic Centimeter	19 Ounce

Questions 20 through 22: John Deere is on a liquid diet since his surgery. Add up his oral intake for the evening shift.

Supper	HS Snack	Urine Output
200 mL coffee	220 mL coffee	voided 400 mL
750 mL water	125 mL water	voided 500 mL
250 mL jello	240 mL jello	voided 425 mL
220 mL broth	-	

20. What is John's oral intake in cc's?

21. How many fluid ounces of liquid did he take in?

22. What was his total output in mL?

Questions 23 through 31: Make the conversions for the following. DON'T FORGET TO SHOW YOUR WORK, and also round your answers to the nearest hundredth.

23. 54 lbs.	=	kg
24. 123 lbs.	=	g
25. 23 in.	=	cm
26. 72 in.	=	ft. & in.
27. 6'5"	=	cm
28. 12 fl. oz	=	mL
29. 240 mL	=	fl. oz.
30. 500 mg	=	g
3125 L	=	mL