Question 1: 100 mL of 0.2 M sodium chromate solution

Question 2: 100 mL of 0.2 M sodium cyanide solution

Question 3: A solution prepared by dissolving 24 g potassium sulfate in 150 mL total solution has a molarity of 0.92 M.

Question 4: 5.0 g LiI in 250 g of solution

Question 5: 10.0 mL of 0.50 M sulfuric acid neutralizes \_\_\_\_\_\_\_\_ mL of 0.50 M ammonium hydroxide solution.

A) 5.0

B) 10.

C) 20.

D) 40.

Question 6: How many grams of are in 2.60 L of a 1.28 M solution of ?

Question 7: 0.15 M nickel(II) sulfate solution containing 47 g of solute

Question 8: The percent composition of a solution made by dissolving 5.0 g NaOH in 20. g of water is \_\_\_\_\_\_\_\_.

A) 4.0%

B) 5.0%

C) 20.%

D) 25%

Question 9: 15 g sugar in 60. g of solution

Question 10: A 1.0 percent by mass of saline solution contains 1 g of NaCl plus 99 g of water.

Question 11: 500 mL of a 0.4 M sodium nitrate contains \_\_\_\_\_\_\_\_ moles of sodium ions and \_\_\_\_\_\_\_\_ moles of nitrate ions.

A) 0.4; 0.2

B) 0.2; 0.4

C) 0.4; 0.6

D) 0.2; 0.2

Question 12: 0.60 moles KI in 1.0 L of solution

Question 13: 1.50 L of 0.0694 M CsOH

Question 14: 100 mL of 0.2 M sodium hypochlorite solution

Question 15: How many grams of water are in 100 g of a 30 percent-by-mass sugar solution?

A) 30 g

B) 60 g

C) 70 g

D) 100 g