Name:	Center:
Chapter three quiz	
Choose the correct answer	
1- On dissolving 7.1g of Na ₂ SO ₄ (its molar mass= 142	2 g/mol) in water, 0.5 L of
concentration solution is produced.	0.4 4.44.07.4.1
$(2.5X10^{-2}M - 1X10^{-1}M - 1X1$ 2- Volcanic rock which is formed form from lava eru	•
type of the volcanic rock in light of your education?	
(solution gas in solid – colloid gas in solid – solution	on solid in solid – colloid solid in gas)
3- Which of the following substances scatter the light	ht that passes in it?
(aqueous solution of copper sulphate -	– milk – water – ethanol)
4- What is the conjugate base for H ₂ PO ₃ ?	
$(H_2PO_3^{-3} / H_3PO_3 / HPO_3^{-1})$	² / H ₃ PO ₂ ⁺)
5- According to Bronsted-Lowry theory, the mixture contain	e of water with nitric acid HNO ₃ has to
$(OH^+/NO_3/NO_3^-/$	NO ₂ -)
6- 0.1 solution of has higher ability to compare the compared to the H2S / H2SO4 / H3PO4 /	<u>-</u>
7- Which of the following indicators is colored yello whose PH value is 10?	w when it is added to a solution
(methyl orange – bromothymol blue – p	henolphethaline – litmus)
8- Which of the following compounds is not a salt? (sodium formate – sodium hydroxide – sodiu	m carbonate – sodium acetate)
9- When 25ml of 0.1M acid are titrated by 0.1M bas produce a solution which has higher PH at the end of (CH ₃ COOH, NaOH / HNO ₃ , NaOH / HNO ₃)	of the neutralization?
10- A crystal of sodium chloride is formed of (NaCl molecules – Cl, Na atoms – CL ⁺ ,	