

Academic Year	2025/2026
العام الدراسي	
Term	3
Subject	Chemistry /Inspire
Grade	11
Stream	General
PLAN - P2	
Number of MCQ عدد الأسئلة الموضوعية	25
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة القصيرة	0
Marks per FRQ الدرجة لكل الأسئلة القصيرة	0
Type of All Questions نوع كافة الأسئلة	الإسئلة الموضوعية /MCQ
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - مدة الامتحان	120 minutes
Mode of Implementation - طريقة التطبيق	Swift/Assess
Calculator	Allowed
الآلة الحاسبة	مسموحة

Question*	Learning Outcome/Performance Criteria**	Reference(s) in the Student Book (English Version& Arabic Version)	
		Example/Exercise	Page
الإسئلة القصوى - MCQ	1 CHM.5.3.01.004.07 Calculate the number of moles of ions in a given moles of a compound	Text book + example problem 6 + practice problems	17 ,18 , 19
	2 CHM.5.3.01.004.08 Calculate the molar mass of a compound (ionic and molecular)	Text book + practice problems	19 , 20
	3 CHM.5.3.01.004.09 Calculate the mass of a given moles of a compound and vice versa	Text book + example problem 8 + practice problems	21 , 22
	4 CHM.5.3.01.004.09 Calculate the mass of a given moles of a compound and vice versa	Text book + example problem 7+ practice problems	20 , 21
	5 CHM.5.3.01.004.09 Calculate the mass of a given moles of a compound and vice versa	Text book + example problem 9 + practice problems	22 , 23 , 24
	6 CHM.5.3.01.011.03 Interpret a balanced chemical equation in terms of moles, mass and representative particles (atoms, molecules and formula units)	Text book + table 1	46 , 47
	7 CHM.5.3.01.011.03 Explain the importance of the law of conservation of mass in chemical reactions - CHM.5.3.01.011.04 Compare the mass of the reactants and the mass of the products in a chemical reactions while explaining how these mass are related	Text book + example problem1 + practice problems	48 , 49
	8 CHM.5.3.01.011.05 Describe a mole ratio	Text book + practice problems	49 ,50 , 51
	9 CHM.5.3.01.011.06 Write molar ratios in a balanced chemical equation	Text book + practice problems	49 ,50 , 51
	10 CHM.5.3.01.012.01 List the steps included in stoichiometric calculations	problem- solving strategy	53
	11 CHM.5.3.01.012.02 Calculate the number of moles of a reactant or a product given the number of moles of another reactant or product	Text book + example problem 2 + practice problems	52 , 53 , 54
	12 CHM.5.3.01.012.03 Calculate the mass of a reactant or a product given the number of moles of another reactant or product and vice versa	Text book + example problem 3 + practice problems	55
	13 CHM.5.3.01.012.04 Calculate the mass of a reactant or a product given the mass of another reactant or product	Text book + example problem 4 + practice problems	56 , 57
	14 CHM.5.2.02.007.05 Differentiate among different types of mixtures; solution, colloid and suspension in terms of type of mixture, separation upon standing, separation by filtration and Tyndall effect or scattering of light	Text book + figure 1	74
	15 CHM.5.2.02.007.04 Identify, using examples, the various types of solutions (liquid , solid or gas) and the solute and solvent in its six types	Text book + table 2	74
	16 CHM.5.2.02.007.05 Differentiate among different types of mixtures; solution, colloid and suspension in terms of type of mixture, separation upon standing, separation by filtration and Tyndall effect or scattering of light	Text book + figure 3	76
	17 CHM.5.2.02.007.05 Differentiate among different types of mixtures; solution, colloid and suspension in terms of type of mixture, separation upon standing, separation by filtration and Tyndall effect or scattering of light - lists the factors that destroy colloids	Text book	75
	18 Write examples of colloids	Text book + table1	75
	19 CHM.5.2.03.002.02 List units of concentration - Calculate the concentration of the solution in different ways	Text book + table 3 + example problem 1 + practice problems	79 , 80 , 81
	20 CHM.5.2.03.002.02 List units of concentration - Calculate the concentration of the solution in different ways	Text book + practice problems	81 , 82
	21 CHM.5.2.03.002.02 List units of concentration - Calculate the concentration of the solution in different ways	Text book	81
	22 CHM.5.2.03.002.05 Calculate molarity when the moles or the mass of solute and volume of solution are given and vice versa	Text book + example problem 2 + practice problems	82 , 83
	23 CHM.5.2.03.003.01 Describe how to prepare a dilute solution given a concentrated solution with listing possible lab safety measures that need to be followed	Text book + figure 9 + example problem 3 + practice problems	85 , 86 , 87
	24 List the factors that affect solubility	Text book	92
	25 CHM.5.2.02.002.03 Explain three factors that affect the rate at which a solid solute dissolves in a liquid while explaining its effect	Text book + figure 14	93
*	The questions may appear in a different order in the actual exam		
*	قد تظهر الاسئلة بترتيب مختلف في الامتحان الفعلي		
**	As stated in the student book (Grade 11-12 General Edition, United Arab Emirates 2025-2026 - Book 2 - Min(jai)), LMS, and the quarterly plan.		
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