## شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية





## نموذج الهيكل الوزاري الفصل الأول

موقع المناهج ← المناهج الإماراتية ← الصف الثاني عشر المتقدم ← كيمياء ← الفصل الأول ← الملف

## التواصل الاجتماعي بحسب الصف الثاني عشر المتقدم









## روابط مواد الصف الثاني عشر المتقدم على تلغرام

التربية الاسلامية اللغة العربية الاسلامية اللغة العربية الاسلامية اللغة العربية الاسلامية المسلامية المسلا

المزيد من الملفات بحسب الصف الثاني عشر المتقدم والمادة كيمياء في الفصل الأول								
ملخص الدرس الأول الطاقة من الوحدة الأولى	1							
تجميعة أسئلة وفق الهيكل الوزاري	2							
مراجعة مع مفاتيح الحل وفق الهيكل الوزاري	3							
امتحانات سابقة ومتوقعة وفق الهيكل مع أسئلة البونص	4							
أسئلة مراجعة امتحان نهائي	5							

	2022/2023		Questio		Learning Outcome***	Reference(s) in the Student Book (Arabic and English Ver	raion)	
ثعم تدرسي			سرن••			شریع فی عتب فطانب(تعریبات و الایکاریا) Example Exercise	Page	
Term	1		(0		نتو فد ۱۰۰۰	مكالمارين	tuba .	
تعمل					Describe how chemical energy related to the heat lost or gained in chemical reactions (Exothermic and Endothermic reactions)	text book		
Subject	Chemistry	1		1	يعف علية رئيمة مطلة العبدينة بالعرارة اضطارة أو المحاسبة في الطاعات العبدينية (الطاعات الطرارة والماسنة المرارة)	text book ئىن قاتاب	4,5	
isa	الكومياء				Perform interconversion between units of heat	I		
Grade	12			2	بهری عقبات العوال با بین و منات العراق با	example 1 + applications+ table 1 مثان 1 + تشیراتت+ چتران 1	6,7	
شد					Solve problems involving changes in temperature and state using the equations (e.g. Q=mcΔT)			
Stream	Advanced			3	يعل المسئل التي تقضن تغوات في ترجت العرارة و تغرات في الملة مستقدما المعارات (مثال: Qume&T)	example 2 + applications-text book مثان 2 + (تطیریات-جنس تکتاب	8,9	
فستر	تنقم				Describe the two types of calorimeter (Bomb calorimeter & Foam-cup calorimeter)	test hook		
Number of Main Questions	20	ш		4	يعف او عن السنوات العرازية (مستر الإعتراق ومستر الباسئية الرغون)	text book تس دفتاب	11,12	
عدد واستلة والساسية				5	Predict the type of chemical reaction (exothermic, endothermic)	lext book نس تعتب	14	
Marks per Main Question	5			•	يثنيا يفرع الطاعل القيميتي مثل غاخل طارد للحرارة وتقاعل مامن للحرارة	تس فقتاب	.,	
لترجك لكل سوال اساسي					Compare and contrast potential energy diagrams of exothermic and endothermic reactions in terms of general shape, enthalpy of reactants and products, and enthalpy change of reaction and its sign	text book+ figures 8and 9 تس فتاب		
				6		-	15,16	
Number of Bonus Questions عد ماستة محديد	5				بازن وبالل مطفئت طلة الوضع للقاعات الطراء العراز الواصف العراز مان بهت الشاق العلى السنوي العراز قامود النظامة التفر في الممكون العراز الم	الاستان 8 ر 9		
				7	Write thermochemical equation for the changes of state (vaporization, fusion, condensation and solidification)	text book تص فعات	18,19	
Marks per Bonus Question الدرجات لكل سوال إضافي	4				ينتب مخلة غيمينية هرارية لتغوات الحاة والتيقر والانصهار، والتنظيف والنجندع	تىن دەت		
				8	Perform calculations using enthalpy of combustion	example 4 + applications مثل 4 + انتخیرات	20	
Type of All Questions نوع عقلة وسنة	MCQ طليار من متحد	_			يعري عشيات مسلية موقلة المعاري العراق	Column 7 to UM		
Maximum Overall Grade*				9	Solve the problems related to the energy changes in the chemical reaction using Hesa's Law	example 5 + applications+text book مثل 5 + تغلیقات من تغاب	22,23,24,25	
"Maximum Overall Grade ضرجة تضوي ضعفة	100				يعل المسئل المنطقة يتغرب الطقة في القاعل الفييتي مستطعة قلون هي	Ame for Analysis 4.9 mg		
Exam Duration			3	10	Define standard enthalpy of formation of a compound, determining on what basis it is defined پوف مراز ۱ تادون الليامية لاراي ما، معاندا الرامية في توليفيا	text book ئىن دەئاب	25	
Estam Duration at a (pulse)	120 minutes		i di		*			
Mode of Implementation	SwiftAssess		38 -5	11	identify the standard enthalpy (heat) of formation of a free element in its standard state یعند مرزة التاوین تقلیبیة تختیر فی ماتیا اقلیبیة.	text book+ figure 15 غن تعناب+ شكل 15	26	
طريقة تتطيق	SwiftAssess		Jue office					
			Main Qu	12	illustrate the relation between enthalpy change (ΔH) and the tendency of a reaction to occur	text book تص وهاب	30,31	
Calculator	Allowed				يومَنح تعاولة بين قيمة المعاوى العراري واستثنية مدوث الثامل	شن دهاپ		
الالة الماسية	سنوعة	-			Evoluin the relationship among the sings of 30 AM AS that lead to specianeous or non-specianeous reaction taking into consideration	text book+table 6 نس تفتب		
		4		13	Explain the relationship among the signs of AC, AH, AS that lead to appendix on non-apontaneous reaction taking into consideration the relationships of the relationships of the respective conditions.  المراح المراح الله الله عن المراح الله الله عن المراح الله الله الله الله الله الله الله ال	نس مددب + جنران 6	32,33,34,35	
					1971 - 19	V 0,54		
				14	Calculate the free energy value (ΔG) and use it to determine the tendency of a reaction to occur یحب قبت تفاقا احر (ر۵۵)، ریوقها آنی تحدید بناتیج خدیث تفاش	example 7 + applications مثال 1 + (عثيبات	36	
				15	Describe chemical equilibrium using reactant and product concentration-time graph پیمان اور ان العبیانی موقفان سنا بیان اثر بهار استانا از برا استانات و افزادج به زین فقابش	text book-liqures 2 and 3 3 تفن تعتب- الاثنان 2 ر	48,49,50,51	- 1
								$\sim$
					Relate the value of an equilibrium constant to the relative quantities of reactants and products at equilibrium while identifying the informations provided by the value of K for a given equilibrium system at a specified temperature	example 1 + applications and example 2 - applications	4	
				16	ير بطاليمة ثابت (الإن القيميلي الى العنيات السبية المقادلات والتراوح علا الإن ممثل المخرمات التي تشمها قيمة ثابت (الإن الطام معن علد مانا الراح على المسالم	example 2 + applications مثل 1 + انتظیرات ۱ + انتظیرات	55,57	
	-	_				ىئال 2 + أتطبيقات		
					Explain the effect of changing the concentration (Adding reactants or removing products or adding products) on an equilibrium system	text book	61.62	
				17	یکسر کر هنتر فی هر هر (بخطه همتاهای او رونه هوری او بخطه هو دی) علی نظم (۱۹۲۱) همیشی	text book نس دفتاب	61,62	_
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l				18	Explain the effect of changing the volume and pressure on an equilibrium system	text book نتن تئتاب	62,63	
				18	يُصْر الرّ تشغّر في المشغّر والمهم على للكم الازان التهميلي	text book نص دفات	62,63	
				18	يكس الز اعتق في المقطاع إلحيو طريقط الإلان التيمين Explain the effect of a catalyst on an equilibrium system	text book پنس قلاب text book نس قلاب	62,63	
					يكس از دا تقد قر اعتبار في المفاول المهام الله الله المهام الله الله الله	יטע נפויע bext book יטע נפויע	65	
					يكس از دا تقد قر اعتبار في المفاول المهام الله الله المهام الله الله الله	تعن قفتاب		
				19	يم از الا في المدار فيهم طريقة (الان المياني). Explain the effect of a satisfact of an anaphthour system  المدار الاطار في 2000 أن المدار الله الله الله الله الله الله الله ال	sea Justi Justi Instituto de vida de vida de seample 7 - applications de, de 2 - 3 - 3 - 3 - 3	65 73	
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				19	يم الراق هي المحافظ المواقع ا	test Book  test Book  cui  example 7 - applications  day 7 - 7 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	65 73 Undisclosed	
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