

مصفوفة (1) مقرر علم النفس

نتائج التعلم المنشودة لمادة علم النفس										محتويات المقرر	
مهارات عامة و تواصلية			المهارات الفكرية		المعرفة و الفهم						
1أ	2أ	3أ	4أ	5أ	1ج	2ج	1د	2د	3د		
x										1	مدخل إلى علم النفس
	x									2	ما هو التعلم؟
	x									3	التعلم الشرطي و الوقائع التجريبية و تفسيره
	x									4	القواعد الأساسية للتعلم الشرطي و تطبيقاته
		x								5	الدافعية و تعريفاتها و أهمية الدوافع و خصائصها
		x								6	أنواع الدوافع و خصائصها و أهميتها في التعلم
								x		7	الشخصية و تعريفاتها و محدداتها و مكوناتها
								x		8	الشخصية و نظرياتها و طرق قياسها
					x					9	الذاكرة و تعريفاتها و نماذجها وأنواعها
						x				10	معنى التنشئة الاجتماعية و ديناميات السلوك و أنواع العلاقات الاجتماعية
	x								x	11	الجماعة و خصائصها و أهميتها للفرد و المجتمع و أنواع الجماعات
					x					12	التوجيه و الاختيار المهني و الفروق الفردية
	x									13	الذكاء و حل المشكلات
									x	14	العمليات العقلية النفسية (الإحساس- الانتباه- الإدراك- التذكر- التفكير) خطواتها و خصائصها و أنواعها
					x					15	الصحة النفسية و الأمراض النفسية و العقلية

مصفوفة (2) مقرر علم النفس

المعايير الأكاديمية المرجعية القومية (NARS)		نتائج التعلم المنشودة للبرنامج		نتائج التعلم المنشودة للمقرر	محتويات المقرر	المصدر	أساليب التعليم و التعلم		أسلوب التقييم
							المحاضرة	التعلم الذاتي	الامتحان التحريري
2.1	مبادئ العلوم الأساسية و الصيدلانية و الطبية و الاجتماعية و السلوكية و الإدارة و الصحة و العلوم البيئية فضلا عن ممارسة الصيدلة	5أ	1أ		مدخل إلى علم النفس	كتاب الطالب	x		x
					الجماعة و خصائصها و أهميتها للفرد و المجتمع و أنواع الجماعات	كتاب الطالب	x		x
					العمليات العقلية النفسية (الإحساس- الانتباه- الإدراك- التذكر - التفكير) خطواتها و خصائصها و أنواعها	كتاب الطالب	x		x
					ما هو التعلم؟	كتاب الطالب	x		x
			2أ		التعلم الشرطي و الوقائع التجريبية و تفسيره	كتاب الطالب	x		x
					القواعد الأساسية للتعلم الشرطي و تطبيقاته	كتاب الطالب	x		x
			3أ		الدافعية و تعريفاتها و أهمية الدوافع و خصائصها	كتاب الطالب	x		x
					أنواع الدوافع و خصائصها و أهميتها في التعلم	كتاب الطالب	x		x

X		X	كتاب الطالب	معنى التنشئة الاجتماعية و ديناميات السلوك و أنواع العلاقات الاجتماعية	أ4		
X		X	كتاب الطالب وكتب مقترحة	الصحة النفسية و الأمراض النفسية و العقلية	أ5		
X		X	كتاب الطالب	التوجيه و الاختيار المهني و الفروق الفردية	ج1	ج17	يحل مجموعة من المعلومات متعددة المصادر في مجال الصيدلة
X		X	كتاب الطالب	الدافعية و تعريفاتها و أهمية الدوافع و خصائصها	ج2		
X		X	كتاب الطالب	أنواع الدوافع و خصائصها و أهميتها في التعلم			
X		X	كتاب الطالب	الجماعة و خصائصها و أهميتها للفرد و المجتمع و أنواع الجماعات	د1	د4	يعمل بكفاءة كأحد أفراد الفريق
X		X	كتاب الطالب	الشخصية و تعريفاتها و محدداتها و مكوناتها		د9	ينمي المهارات الإدارية و التي تشمل التمويل و التسويق و المبيعات
X		X	الكتاب	الشخصية و نظرياتها و طرق قياسها			
X		X	كتاب الطالب وكتب مقترحة	الذكاء و حل المشكلات	د3	د12	ينمي مهارات التفكير النقدي و حل المشكلات و اتخاذ القرارات

منسق المقرر: أ.د/ الشناوى عبد المنعم الشناوى

التاريخ: 2017/9/

Physiology 16-17

Matrix I of Physiology course									
Course Contents		ILOs of Physiology course							
		Knowledge and understanding		Professional and practical skills	Intellectual skills	General and transferable and skills			
Lectures		a1	a2	b1	c1	d1	d2	d3	d4
1	Nerve and Muscle	x	x						
2	Nerve and Muscle	x	x		x				
3	Autonomic Nervous System	x	x						
4	Autonomic Nervous System Activity	x	x		x	x	x	x	x
5	Autonomic Nervous System	x	x						
6	Cardiovascular System	x	x						
7	Cardiovascular System Periodical exams	x	x						
8	Cardiovascular System Activity	x	x		x	x	x	x	x
9	Central Nervous System	x	x						
10	Central Nervous System	x	x		x				
11	Kidney & Respiratory	x	x		x				
12	GIT	x	x						
13	GIT	x	x		x				
14	Endocrine	x	x						
15	Endocrine	x	x		x				
Practical sessions									
1	Nerve and Muscle			x					
2	Nerve and Muscle			x					

3	Autonomic Nervous System			x					
4	Autonomic Nervous System			x					
5	Autonomic Nervous System			x					
6	Cardiovascular System			x					
7	Cardiovascular System			x					
8	Cardiovascular System			x					
9	Central Nervous System			x					
10	Central Nervous System			x					
11	Kidney & Respiratory			x					
12	GIT			x					
13	Endocrine			x					
14	Endocrine			x					

Matrix II of Physiology course

National Academic Reference Standards NARS		Program ILOs	Course ILOs	Course contents	Sources	Teaching and learning methods			Method of assessment			
						Lecture	Practical session	Self learning	Written exam	Practical exam	Oral exam	Periodical exam
2.1	Principles of basic, pharmaceutical, medical, social, behavioral, management, health and environmental sciences as well as pharmacy practice	A3	a1	Nerve and Muscle	Student book Essential books	x			x		x	x
				Nerve and Muscle								
				Autonomic Nervous System								
				Autonomic Nervous System Activity								
				Autonomic Nervous System								
				Cardiovascular System								
				Cardiovascular System								
				Periodical exams								
				Cardiovascular System Activity								
				Central Nervous System								
				Central Nervous System								
				Kidney & Respiratory								
				GIT								
				GIT								
				Endocrine								
				Endocrine								
			a2	Nerve and Muscle	Student book Essential books	x			x		x	x
				Nerve and Muscle								
				Autonomic Nervous System								
				Autonomic Nervous System Activity								
				Autonomic Nervous System								
				Cardiovascular System								

				Cardiovascular System Periodical exams Cardiovascular System Activity Central Nervous System Central Nervous System Kidney & Respiratory GIT GIT Endocrine Endocrine								
3.1	Use the proper pharmaceutical and medical terms, abbreviations and symbols in pharmacy practice	B1	b1	Nerve and Muscle Nerve and Muscle Autonomic Nervous System Autonomic Nervous System Autonomic Nervous System Cardiovascular System Cardiovascular System Cardiovascular System Central Nervous System Central Nervous System Kidney & Respiratory GIT Endocrine Endocrine	Practical notes		x			x		
4.1	Apply pharmaceutical knowledge in the formulation of safe and	C1	c1	Nerve and Muscle Autonomic Nervous System Cardiovascular System Central Nervous System Kidney & Respiratory GIT Endocrine	Student book Essential books and internet	x		x	x		x	x

	effectiv e medicin es as well as in dealing with new drug delivery systems											
5.9	5.9 Implem ent writing and presenta tion skills.	D10	d1	Activity	Student book Essential books and internet	x		x	x		x	
5.3	Work effectiv ely in a team.	D3	d2	Activity	Student book Essential books and internet	x		x	x		x	
5.8	5.8 Demons trate creativit y and time manage ment abilities	D9	d3	Activity	Student book Essential books and internet	x		x	x		x	

5.10	5.10 Implement writing and thinking - problem - solving and decision - making abilities .	D11	d4	Activity	Student book Essential books and internet	x		x	x		x	
------	-------------------------------------------------------------------------------------------------------------------------------------	-----	----	----------	----------------------------------------------------------	---	--	---	---	--	---	--

Medical terminology 2016-2017

Matrix I of Medical Terminology course							
Course Contents		ILOs of Medical Terminology course					
		Knowledge and understanding		Professional and practical skills	Intellectual skills		General and transferable and skills
Lectures		a1	a2		c1	c2	d1
1	Introduction	X	x		x	x	
2	The digestive system.	X	x		x	x	

3	The breathing system.	X	x		x	x	
4	The cardiovascular system & blood. Activities	X	x		x	x	x
5	The lymphatic system & immunology.	X	x		x	x	
6	The urinary system.	X	x		x	x	
7	The nervous system. Periodical exams	X	x		x	x	
8	The eye and the ear.	X	x		x	x	
9	The skin system and oncology..	X	x		x	x	
10	The nose and mouth. Activities	X	x		x	x	x
11	The muscular and skeletal systems.	X	x		x	x	
12	The reproductive system.	X	x		x	x	
13	The endocrine system	X	x		x	x	
14	Radiology and nuclear medicine.	X	x		x	x	
15	Revision	X	x		x	x	x

Matrix II of Medical Terminology course

National Academic Reference Standards NARS		Program ILOs	Course ILOs	Course contents	Sources	Teaching and learning methods			Method of assessment			
						Lecture	Practical session	Self learning	Written exam	Practical exam	Oral exam	Periodical exam
2.1	Principles of basic, pharmaceutical, medical, social, behavioral, management, health and environmental sciences as well as pharmacy practice	A3	a1	Introduction	Student book Essential books	x			x		x	x
				The digestive system.								
				The breathing system.								
				The cardiovascular system & blood.								
				Activities								
				The lymphatic system & immunology.								
				The urinary system.								
				The nervous system.								
				Periodical exams								
				The eye and the ear.								
				The skin system and oncology..								
				The nose and mouth.								
				Activities								
				The muscular and skeletal systems.								
				The reproductive system.								

4.1	Apply	C1		The endocrine system								
				Radiology and nuclear medicine.								
				Revision								
			a2	Introduction	Student book Essential books	x			x		x	x
				The digestive system.								
				The breathing system.								
				The cardiovascular system & blood.								
				Activities								
				The lymphatic system & immunology.								
				The urinary system.								
				The nervous system.								
				Periodical exams								
				The eye and the ear.								
				The skin system and oncology..								
				The nose and mouth.								
				Activities								
				The muscular and skeletal systems.								
				The reproductive system.								
				The endocrine system								
				Radiology and nuclear medicine.								
				Revision								
			c1	Introduction	Student	x			x		x	x

pharmaceutical knowledge in the formulation of safe and effective medicines as well as in dealing with new drug									
		The digestive system.	book Essential books internet						
		The breathing system.							
		The cardiovascular system & blood.							
		Activities							
		The lymphatic system & immunology.							
		The urinary system.							
		The nervous system.							
		Periodical exams							
		The eye and the ear.							
		The skin system and oncology..							
		The nose and mouth.							
		Activities							
		The muscular and skeletal systems.							
		The reproductive system.							
		The endocrine system							
		Radiology and nuclear medicine.							
		Revision							
	c2	Introduction	Student book Essential books and internet	x		x	x		x
		The digestive system.							
		The breathing system.							
		The cardiovascular system & blood. Activities							

				The lymphatic system & immunology.								
				The urinary system.								
				The nervous system.								
				Periodical exams								
				The eye and the ear.								
				The skin system and oncology..								
				The nose and mouth.								
				Activities								
				The muscular and skeletal systems.								
				The reproductive system.								
				The endocrine system								
				Radiology and nuclear medicine.								
				Revision								
5.3	Work effectively in a team.	D3	d1	Activity	Student book Essential books and internet	x		x	x		x	x

Pharmaceutical dosage forms 2012-2013

Matrix -1 of Pharmaceutical Dosage Forms-1										
Course Contents		ILOs of First term course								
		Knowledge and understanding				Professional and practical skills		Intellectual skills		Transferable and general skills
		a1	a2	a3	a4	b1	b2	c1	c2	d1
1	Emulsion -Definition -Types of emulsion -Theories of emulsification	x	x							
2	ideal characters of Emulsifying agents -examples of emulsifying agents		x	x						

3	Stability of emulsions Different methods for Preparation of emulsion				x					
4	Introduction to disperse system -Pharmaceutical calculations	x								
5	Tablets coating	x								
6	Suspensions -definition -Reasons for preparing suspension -Characters of ideal suspension - ideal characters of suspending agents with examples -Formulation and evaluation of suspensions -Stability of suspensions	x	x	x	x					
7	Capsules Definition Hard gelatin and soft gelatin capsules	x	x							
8	Microencapsulation	x	x							
9	Colloids -definition -Pharmaceutical application of colloids	x	x	x						

10	Types of colloidal systems			x					
11	ideal characters of colloids -Stability of colloids		x						
12	Powders and granules -definitions -powders as dosage forms -Advantaged and disadvantages	x	x						
13	flow properties -effervescent granules	x							
14	Different methods for preparation of effervescent granules				x				
Practical Session									
15	Methods of preparation of emulsions a- wet method					x	x	x	x
16	Methods of preparation of emulsions b-dry method					x	x	x	
17	Methods of preparation of emulsions c- Bottle method					x	x	x	
18	determination of sedimentation rate					x			x
19	Difference between flocculated and deflocculated suspensions					x	x		
20	calculation of effervescent granules					x		x	x
21	Blank effervescent granules					x	x	x	x
22	Heambiotic effervescent granules					x	x	x	
23	Antispasmodic effervescent granules					x	x	x	
24	Antigout effervescent granules					x	x	x	
25	Calculation of powders					x			x

26	Anti acid powder					x	x			
27	Anti flatulence powder					x	x			

Matrix II of Pharmaceutical Dosage Forms-1

National Academic Reference Standards NARS	Program IOs	Course IOs	Course contents	Sources	Teaching and learning methods			Weighting of assessment			
					lecture	practical session	self learning	written exam	practical exam	oral exam	periodical exam

2.1	Principles of basic, pharmaceutical, medical, social, behavioural, management, health and environmental sciences as well as pharmacy practice.	A2	a1	Emulsion -Definition -Types of emulsion -Theories of emulsification Introduction to disperse system -Pharmaceutical calculations Tablets coating Suspensions -definition -Reasons for preparing suspension -Characters of ideal suspension - ideal characters of suspending agents with examples -Formulation and evaluation of suspensions '-Stability of suspensions Capsules Definition Hard gelatin and soft gelatin	Notebook	x			x		x	x
-----	------------------------------------------------------------------------------------------------------------------------------------------------	----	----	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------	---	--	--	---	--	---	---

			capsules Microencapsulation Colloids -definition -Pharmaceutical application of colloids Powders and granules -definitions -powders as dosage forms -Advantaged and disadvantages flow properties -effervescent granules								
	A8	a2	Emulsion-Definition-Types of emulsion-Theories of emulsification ideal characters of Emulsifying agents-examples of emulsifying agents Suspensions-definition- Reasons for preparing suspension-Characters of	Notebook	x			x		x	x

				ideal suspension- ideal characters of suspending agents with examples- Formulation and evaluation of suspensions'-Stability of suspensions CapsulesDefinition Hard gelatin and soft gelatin capsules Microencapsulation Colloids-definition- Pharmaceutical application of colloids ideal characters of colloids- Stability of colloids Powders and granules- definitions-powders as dosage forms-Advantaged and disadvantages								
2.6	Properties of different pharmaceutical	A10	a3	ideal characters of Emulsifying agents-examples of emulsifying agents	Notebook	x			x		x	x

	dosage forms including novel drug delivery systems.			Suspensions-definition- Reasons for preparing suspension-Characters of ideal suspension- ideal characters of suspending agents with examples- Formulation and evaluation of suspensions'-Stability of suspensions Colloids- definition-Pharmaceutical application of colloids Types of colloidal systems								
2.7	Principles of various instruments and techniques including sampling, manufacturing, packaging, labeling, storing and distribution processes in pharmaceutical industry	A11	a4	Stability of emulsions Different methods for Preparation of emulsion Suspensions -definition -Reasons for preparing suspension -Characters of ideal suspension - ideal characters of suspending agents with examples	Notebook	x			x		x	

				-Formulation and evaluation of suspensions -Stability of suspensions Different methods for preparation of effervescent granules								
3.2	Handle and dispose chemicals in a safe way.	B2	b1	Methods of preparation of emulsionsa- wet method b- Dry method c-Bottle method determination of sedimentation rate Difference between flocculated and deflocculated suspensions calculation of effervescent granules Blank effervescent granules Heambiotic effervescent granules Antispasmodic effervescent granules Antigout effervescent	Practical note book		x					

			granules Calculation of powders Anti acid powder Anti flatulence powder								
		b2	Methods of preparation of emulsions a- wet method b- Dry method c-Bottle method determination of sedimentation rate Difference between	Practical note book		x					

				flocculated and deflocculated suspensions calculation of effervescent granules Blank effervescent granules Heambiotic effervescent granules Antispasmodic effervescent granules Antigout effervescent granules Anti acid powder Anti flatulence powder								
4.1	Apply pharmaceutical knowledge in the formulation of safe and effective medicines as well as in dealing with new drug delivery systems.	C1	c1	Methods of preparation of emulsions a- wet method b- Dry method c-Bottle method calculation of effervescent granules Blank effervescent granules Heambiotic effervescent granules Antispasmodic effervescent granules Antigout effervescent granules	practical notebook& notebook		x			x		

4.4	Recognize and control possible physical and/or chemical incompatibilities that may occur during drug dispensing.	C4	c2	Methods of preparation of emulsions a- wet method b- Dry method c-Bottle method Blank effervescent granules	internet			x				
5.10	Implement writing and thinking, problem- solving and decision-making abilities.	D12	d2	calculation of effervescent granules determination of sedimentation rate Calculation of powders	internet& practical note book			x				

Pharmacy Legislation

**Second Year- Fourth Semester
2012-2013**

Matrix I of Pharmacy Legislation course						
Course Contents		ILOs of Legislation course				
		Knowledge and understanding		Professional and practical skills	Intellectual skills	General and transferable and skills
Lectures		a1	a2		c1	d1
1	قانون مزاولة مهنة الصيدلة	x	x			
2	المؤسسات الصيدلانية الصيدليات العامة	x	x			
3	المؤسسات الصيدلانية الصيدليات الخاصة مخازن الادوية	x	x			
4	المؤسسات الصيدلانية مجال الاتجار في النباتات الطبية نشاط	x	x			x
5	المؤسسات الصيدلانية المستحضرات الصيدلانية الخاصة و الدستورية	x	x			
6	جداول المواد المخدرة و طريقة تخزينها	x	x		x	
7	Periodical exam	x	x			
8	المواد المؤثرة علي الحالة النفسية نشاط	x	x		x	x
9	جداول المواد المؤثرة علي الحالة النفسية	x	x			
10	قواعد تكليف الصيادلة	x	x		x	
11	قانون مكافحة المخدرات و تنظيم استعمالها و الاتجار فيها	x	x		x	

12	جداول قانون مكافحة المخدرات	x	x		x	
13	جداول قانون مكافحة المخدرات	x	x		x	
14	Revision	x	x			x

Matrix II of Pharmacy Legislation course

National Academic Reference Standards NARS		Program ILOs	Course ILOs	Course contents	Sources	Teaching and learning methods			Method of assessment			
						Lecture	Practical session	Self learning	Written exam	Practical exam	Oral exam	Periodical exam
2.31	Regulatory affairs, pharmacy laws and ethics of health care and pharmacy profession	A31	a1	قانون مزاولة مهنة الصيدلة	Student book Essential books	X			X		X	X
				المؤسسات الصيدلانية الصيدليات العامة								
				المؤسسات الصيدلانية الصيدليات الخاصة مخازن الادوية								
				المؤسسات الصيدلانية مجال الاتجار في النباتات الطبية نشاط								
				المؤسسات الصيدلانية المستحضرات الصيدلانية الخاصة و الدستورية								
				جداول المواد المخدرة و طريقة تخزينها								
				Periodical exam								
				المواد المؤثرة علي الحالة النفسية								

		نشاط								
		جداول المواد المؤثرة علي الحالة النفسية								
		قواعد تكليف الصيدلة								
		قانون مكافحة المخدرات و تنظيم استعمالها و الاتجار فيها								
		جداول قانون مكافحة المخدرات								
		جداول قانون مكافحة المخدرات								
		Revision								
		a2								قانون مزاولة مهنة الصيدلة
	المؤسسات الصيدلية الصيدليات العامة									
	المؤسسات الصيدلية الصيدليات الخاصة مخازن الادوية									
	المؤسسات الصيدلية مجال الاتجار في النباتات الطبية نشاط									
	المؤسسات الصيدلية المستحضرات الصيدلية									

				الخاصة و الدستورية جداول المواد المخدرة و طريقة تخزينها Periodical exam المواد المؤثرة علي الحالة النفسية نشاط جداول المواد المؤثرة علي الحالة النفسية قواعد تكليف الصيدلة قانون مكافحة المخدرات و تنظيم استعمالها و الاتجار فيها جداول قانون مكافحة المخدرات جداول قانون مكافحة المخدرات Revision									
4.1	Apply pharmac eutical knowled ge in the formulat ion of safe and	C1	c1	جداول المواد المخدرة و طريقة تخزينها المواد المؤثرة علي الحالة النفسية نشاط جداول المواد المؤثرة على	Student book Essential books, internet	x		x	x			x	

	effective medicines as well as in dealing with new drug delivery systems			الحالة النفسية								
				قواعد تكليف الصيدالة								
				قانون مكافحة المخدرات و تنظيم استعمالها و الاتجار فيها								
5.10	Implement writing and thinking, problem - solving and decision - making abilities.	D11	d1	نشاط	Student book Essential books, internet		x	x		x	x	

