

Department of Liberal Education Era University, Lucknow Course Outline

Effective From: 2023-24

B.A. / B.Sc. (LIBERA	AL EDUCATION	Year/ Semester:	2 nd Year	r /3 rd Sem				
F 1 . 1 0		DCH404D	T	- D				
		BCH201P	Type:	Pr	actical			
Physiology Practica	41		Total Dragtical	20	Цопис			
	U1							
Internal	10 Marks			15	15 Marks			
Continuous	10 Mains		Ziid Term Zidiii		1,141115			
Assesment:								
C Compulsory	Core		C Creative	0	C Life Skill			
This practical course	e aims to train the students in handling primary healthcare instruments							
like sphygmomanometer and glucometer and in collecting blood samples, analyzing it in								
laboratory.								
omag(CO). After the	ha avaaaaf.1		anlation logueous	will dayala	on fallowing			
tomes(CO): Ajier ti	ie successjul	course com	ipietion, tearners	wiii aeveic	op jouowing			
Attributes								
The student would be able to measure physiological health parameters such as blood								
pressure and blood glucose to detect hypertension and hyperglycemia/diabetic condition								
The students would be able to collect blood, learn about its storage for various purposes								
			zeals health issues	and studer	nts would be			
integration of classroom teaching and lab demonstration, demonstration of the								
methodology; self-practice and experimentation by students								
D	10 1							
Continuous 7 ttenda	nee and I artie	ipation						
	Experin	nents		Contact	Mapped			
	•			Hours	* *			
	pressure using a sphygmon		nanometer and 4		CO1			
automated machine								
	glucose level by using gluc		ometer and its 2		CO1			
č	gomples and it	a atomora		CO2				
	orais siainino		10 011/2001/40		CO2			
	nears, stamme	for Different	tial Leukocyte	4	CO2			
Count Estimation of level			cial Leukocyte	2	CO2			
	Internal Continuous Assesment: Compulsory This practical course like sphygmomanon laboratory. The student would pressure and blood go The students would and make slides for The students would with making buffers Analyzing urine for able to do it. Interactive understar integration of classre methodology; self-pressure methodology; self-pres	Fundamentals of Physiology Practical Internal Continuous Assesment: C Compulsory This practical course aims to train like sphygmomanometer and glucolaboratory. Comes(CO): After the successful The student would be able to mean pressure and blood glucose to determ and make slides for studying blood. The students would learn to know with making buffers to be used in Analyzing urine for abnormal complete able to do it. Interactive understanding of princing integration of classroom teaching a methodology; self-practice and experiment-Writing and Conductar File Maintenance/ Laboratory Recomplete Continuous Attendance and Participation of blood glucose level by significance Collection of blood samples and its continuous and the continuous and con	Internal Continuous Assesment: C Compulsory This practical course aims to train the students is like sphygmomanometer and glucometer and in laboratory. Comes(CO): After the successful course comes(CO): After the successful course comes and blood glucose to detect hypertension. The students would be able to collect blood, I and make slides for studying blood smears. The students would learn to know to use pH in with making buffers to be used in laboratory. Analyzing urine for abnormal constituents reversible to do it. Interactive understanding of principles, requirer integration of classroom teaching and lab demonstration of classroom teaching and sphygmom automated machine Experiments Experiments Recording of blood pressure using a sphygmom automated machine Recording of blood glucose level by using glucosignificance Collection of blood samples and its storage	Fundamentals of Physiology Practical OI Internal Continuous Assesment: Compulsory Total Practical Hours: End Term Exam: Continuous Assesment: Compulsory Compulsory Compulsory Comes(CO): After the successful course completion, learners The student would be able to measure physiological health par pressure and blood glucose to detect hypertension and hyperglycem The students would be able to collect blood, learn about its stora and make slides for studying blood smears. The students would learn to know to use pH meter, its working p with making buffers to be used in laboratory Analyzing urine for abnormal constituents reveals health issues, able to do it. Interactive understanding of principles, requirements, methods and integration of classroom teaching and lab demonstration, demonstra methodology; self-practice and experimentation by students Experiment-Writing and Conductance File Maintenance/ Laboratory Record Continuous Attendance and Participation Experiments Recording of blood pressure using a sphygmomanometer and automated machine Recording of blood glucose level by using glucometer and its significance	Fundamentals of Physiology Practical Code: OI			

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7.	7. Principal of pH meter. Testing of pH of various household								2	CO3					
materials by pH strip and by pH meter										G02					
8.		Preparation of buffers								6		CO3			
9.				normalities in constituents in urine –physical tests;								C	CO4		
		pigments, bile salts, glucose, proteins and ketonebodies.													
CO P	CO-PO and PSO Mapping														
CO-PO	D and I	2SO M3	apping PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	B PSO4	PSO5	PSO6	
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CO2	3	3	2	2	2	2	2	2	3	3	2	2	2	1	
CO3	3	2	2	1	1	1	1	1	3	2	2	2	2	1	
CO4	3	2	2	1	2	2	2	2	3	2	3	2	2	2	
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- A		Distributers. 2nd Edition 1. B D Chaurasia's Applied Anatomy & Physiology for BSc Nursing Students													
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Component Experiment Writing and			Mar.	Marks											
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File Maintenance/				2											
Laboratory Record															
	Continuous Attendance			1											
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and Participation Viva-Voce			2												
	Marks			10											
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Course created by: Dr. Ghazala Zaidi	Approved by:
Signature:	Signature: