



Indraprastha College for Women University of Delhi

Work Plan for ODD SEMESTER – 2026

Course Name:	B.A. (Prog.) Psychology
Paper Title:	Biopsychology (Theory)
Unique Paper Code:	2112112302
Semester:	III
Faculty:	Dr. Mitu Rohatgi
Year:	2026

Work Plan			
Unit No.	Learning Objective	Lecture No.	Topics to be Covered
Unit - 3	To study the Central Nervous System and its relation to behaviour.	1	Introduction to Biopsychology and its methods
	To study the structure and functions of different parts of the brain	2	Electroencephalography (EEG), Computed Tomography
	To learn the various methods for studying the Structure and functions of CNS and the brain	3	Magnetic Resonance Imaging (MRI), fMRI
		4	What is the CNS and its relation with behaviour
		5	Structure of the brain
		6	Spinal Cord (kinds of Vertebrae, lengths)
		7	Functions of the spinal cord - reflexive
		8	Functions of Spinal Cord - Integrative functions
		9	Brain Structure contd
		10	Lobar functions
		11	Class Test
		12	Forebrain
		13	Feedback on class test
		14	Midbrain
		15	Hindbrain, types and functional components
		16	Revision and doubts

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Unit	Contents/Syllabus
I	Introduction: Nature, Scope and Applications of Biopsychology
II	Neuron: Structure and Functions of Neurons, Action Potential/ Nerve Impulse, Synaptic Transmission
III	Brain and Behaviour: Methods (EEG, CT, fMRI), CNS and Behaviour (Spinal Cord and Brain Functions)
IV	Endocrine System: Endocrine Basis of Behaviour, Structure, Functions and Abnormalities (Pituitary, Adrenal, Thyroid, Gonads)
S. No.	Name of Authors/Books/Publishers
1.	Carlson, N. R. <i>Foundations of Physiological Psychology</i> (Latest ed.) Pearson Education .(2005)
2.	Pinel, J. P. J. (2016). <i>Biopsychology</i> (9th ed.). Pearson Education. (2016)
3.	Khosla, M. (2017). <i>Physiological Psychology: An Introduction</i> . Sage Texts. (2017)
4.	Leukel, F. (1976). <i>Introduction to Physiological Psychology</i> . Pearson. (1976)

	Paper Components		
Credits	Lecture (L)	Tutorial (T)	Practical (P)
4	3	1	-
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment		30
	• Assignment	12	
	• Class Test	12	
	• Attendance	6	
2.	Continuous Assessment (Tutorial)		40
	• Activity 1	15	
	• Activity 2	20	
	• Attendance	5	
3.	Practical	NA	NA
	• Continuous Assessment		
	• End Term Written/Practical Exam		
	• Viva		
4.	End Semester Examination		90