

				TI	EACHING 8	z EVALUA	TION S	CHE	ME		
				THEORY	<i>T</i>	PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY 101	CC	Biopsychology	60	20	20	0	0	3	0	0	3

Course Educational Objectives (CEOs):

CEO1: To provide the basic knowledge of biological bases of behaviour with the help of different methods.

CEO2: To provide the awareness of developmental concepts and evolution of neural and behavioral systems.

CEO3: To enable regarding various sensory system and their functioning.

CE04: To understand the relationship between brain and behavior.

CEO5: To know the hormonal bases of behaviour and functions and abnormalities related to different glands.

Course Outcomes (COs):

The student will be able to:

CO1: Describe how the general principles and tools of biopsychology are applied.

CO2: Identify the major anatomical structures of the nervous system by their function and their relative position.

CO3: Classify the actions of neurotransmitters and receptor types and predict their effects on behavior.



				Tl	EACHING 8	EVALUA	ATION S	CHE	ME		
				THEORY	7	PRACT	ICAL				
COURSE CODE	CATEGOR Y	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY 101	CC	Biopsychology	60	20	20	0	0	3	0	0	3

CO4: Explain various sensory systems and their functioning.

CO5: To describe the role of hormones and glands to identify the behavioural patterns.

CO6: Use anatomical structures and transmitter actions to describe different glands and various gland related abnormalities

BAHNPSY101 Biopsychology

Contents

Unit I

Introduction: Biopsychology: Definition, Nature and Scope; Methods of study: Ablation, Recording, Electrical and chemical stimulation: EEG, MRI CT, fMRI.

Unit II

Anatomy of the Nervous System: Structure and Functions, Nerve Impulse and Synaptic Transmission, Neurotransmitters and their Functioning.

Unit III

Sensory Systems: The Visual System, the Auditory System and the Somatosensory System.



				TI	EACHING 8	z EVALUA	ATION S	CHE	ME		
				THEORY	7	PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY 101	CC	Biopsychology	60	20	20	0	0	3	0	0	3

Unit IV

Anatomy of the Brain: Structure of the Brain- The Forebrain, Midbrain, Hindbrain, Cerebral Cortex and its Organization, Brain Damage and Plasticity.

Unit V

Hormonal Basis of Behavior - Endocrine System: Structure, Functions and abnormalities of major glands: Thyroid, Adrenal, Gonads, Pituitary, Pancreas and Pineal gland.

Suggested Readings:

- Chauhan, R. R. (2001). **Asamanaya Manovigyan. Kurukshetra**: AzadPublications
- Dixit, Nirupama (2010). **Adhunik Asamanaya Manovigyan**. Agra: AggrawalPub.
- Levinthal, C.F. (1983). **IntroductiontoPhysiologicalPsychology.NewDelhi**:PHI.
- Mangal, S. K. (2008). **Abnormal Psychology**. New Delhi:Sterling.
- Pinel, J. P. J. (2011) **Biopsychology, 8th Edition**. Pearson Education, NewDelhi.
- Rozenweig, M. H. (1989). **Physiological Psychology**. New York:
- Singh, R. N. (2010). **Mool manoviganik prakriyaen**. Agra: AggarwalPublication



				TE	ACHINO	G & EVAL	UATIO	N SCH	IEME		
	CATEGORY COURSE NAME		Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY	CC	Child	<i>c</i> 0	20	20	0	0	2	0	0	2
102		Learning Processes	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives:

CEO1: Comprehend the concept of child growth and development and the factors influencing it.

CEO2: provide the knowledge about factors related to the parenting/pregnancy decision, outline stages of prenatal development beginning at conception, identify the stages and practices of childbirth, and demonstrate knowledge of infant care techniques.

CEO3: To comprehend the development characteristics, stages and practices related to various types of development.

CEO4: To understand the concept of learning through various learning theories terms and identify milestones related to pre-natal development.

CEO5: Discuss the terms and practices relating to the care of infants and children with special needs.

Course Outcomes:

Students will be able to:

CO1: Define basic concepts related to understand children of different ages through psychological theories of child development.

CO2: Explain the Stages of development.

CO3: Discuss various types of development.



				TE	ACHINO	G & EVAL	UATIO	N SCE	IEME		
			Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY	CC	Child	60	20	20	0	0	3	0	0	3
102		Learning Processes	00	20	20	U	U	3	0	U	3

CO4: Recognize the concept of learning through various learning theories.

CO5: Relate and comprehend with different types of birth defects and conditions that result in special needs for the child.

BAHNPSY102 Child Learning Processes

Contents

Unit -I

Child Psychology: Meaning and Nature of Child Psychology, Determinants of development, factors affecting child development with respect to gender difference.

Growth and Development of Child Concept of Growth and Development: Stages of Development.

Unit-II

Stages of Development: Prenatal Development - Pregnancy - Signs and Symptoms - Prenatal development Factors influencing prenatal development - Diet during Pregnancy - Preparation for parenthood; Needs and care in post-natal and childhood period.

Unit-III

Developmental Characteristics (0-18 Years): Children in the Pre-school years. Physical Development; Mental/Cognitive Development, Emotional Development, Social and Moral Development; Role of Teachers and Parents.



				TE	ACHINO	G & EVAL	UATIO	N SCH	IEME		
		COURSE NAME	Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY COURSE NAME	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHNPSY	CC	Child									
102		Learning	60	20	20	0	0	3	0	0	3
		Processes									

Unit-IV

Concept of Learning: Nature of Learning, Types of Learning, Theories of Learning, Theory of Trial-and-Error Learning, Theory of Conditioning (Classical and Operant), Implication of learning theories.

Unit-V

Children with Special Needs: Definition, Classifications and Educational Approaches of Mentally Challenged, Learning Disabilities, Visually Impaired Hearing Impaired and Physically Handicapped - Giftedness. Government schemes for children in India (ICDS, role of NGO's, educational institutions).

Suggested Readings:

- Hurlock, E.B. (1980): **Developmental Psychology: A lifespan approach**. New Delhi; Tata McGraw Hill.
- Harwood, R. Miller, S. A., R. (2008). Child Psychology: Development in a Changing Society. John Wiley & SonsInc.
- Santrock, J.W. (2011). **A topical Approach to life-Span Development**. New Delhi: Tata McGraw-Hill Edition.
- Shenk, D. (2010). **The Genius in All of Us.** New York: Doubleday/Random House.



				TE	ACHINO	G & EVAL	UATIO	N SCE	IEME		
			Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BA 103	CC	Foundations of Psychology	60	20	20	30	20	2	0	2	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;

Course Educational Objectives (CEOs):

CEO1: To study the basic principles in psychology and understand the process of research.

CEO2: To impart the students with the knowledge of the cognitive process of perception.

CEO3: To study and explain the theories of motivation and emotion.

CEO4: To impart a deeper understanding of the meaning of personality and intelligence as important areas in psychology.

CEO5: To explain the principles involved in learning and attention process.

Course Outcomes (COs):

The student will be able:

CO1: To explain the basic research methods used in psychology and gain an understanding of the different fields in which the subject offers scope.

CO2: To analyze and apply the concepts underlying perceptual processing and memory.

CO3: To illustrate the theoretical grounding of motivational (Maslow and Need Achievement theory) and emotional processes (James- Lange and Cannon-Bard theory).

CO4: To understand personality with special reference to Freud's theory and analyze different theories of intelligence.

CO5: To generalize and give examples of the process of learning and attention and study the major theories of learning.

^{*}Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.



				TEA	ACHINO	G & EVAL	UATIO	N SCE	IEME		
			Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BA 103	CC	Foundations of Psychology	60	20	20	30	20	2	0	2	3

BA103 Foundations of Psychology

Contents

Unit I

Introduction: Psychology: as a science, perspectives, origin and development of psychology, Research Methods in Psychology: Experimental, Case study and Observation and Interview; Fields of psychology; Psychology in modern India

Unit II

Cognitive processes: Perception: nature of perception Determinants of perception, laws of perceptual organization and Figure-ground approach, Depth Perception, Memory-meaning and types of memory, information processing model, Factors influencing memory and techniques for improving memory.

Unit III

Motivation and Emotion: Motives; Biogenic and Sociogenic motives, Theories of motivation: Maslow theory and Need achievement theory.

Emotions- Nature of emotions, key emotions and theories of emotions- James –Lange & Cannon-Bard.



				TE	ACHING	G & EVAL	UATIO	N SCH	IEME		
			T	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BA 103	CC	Foundations of	60	20	20	30	20	2	0	2	3
		Psychology									

Unit IV

Personality and Intelligence:

Personality- Definition, Nature and Determinants, Theory of Personality- Freud, Intelligence: Meaning and factors, Guilford Tri-dimensional Theory, Spearman's Two-Factor Theory and Multiple Factor Theory of Intelligence.

Unit V

Learning and Attention: Learning: Definition and factors effecting learning, and Theories of learning: Thorndike, Pavlov, Kohler & Koffka, and Bandura, Attention: Meaning and types of attention, Factors influencing attention.

List of Practicals:

- Memory
- Depth perception
- Maze learning
- Koh's block design test
- Span of attention

Suggested Readings:

- Baron, R.A & Misra, G. (2014). **Psychology** (Indian Subcontinent Edition). Pearson Education Ltd.
- Chadha, N.K. & Seth, S. (2014). **The Psychological Realm: An Introduction**. Pinnacle Learning, New Delhi.
- Ciccarelli, S. K & Meyer, G.E (2008). **Psychology** (South Asian Edition). New Delhi: Pearson Delhi: Tata Mc Graw Hill.

Vishwavidyalaya, Indore



				TE	ACHING	G & EVAL	UATIO	N SCH	IEME		
			T	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
BAHN104	CV	Comprehensive Viva Voce	0	0	0	50	0	0	0	0	3

 $\textbf{Legends: L-Lecture; T-Tutorial/Teacher Guided Student Activity; P-Practical; \quad \textbf{C-Credit;}}$

BAHN104 Comprehensive Viva

Viva voce will be conducted towards the end of the semester which will be covering the complete syllabus. This will test the student's learning and understanding during the course of their post graduate programmed. In doing so, the main objective of this course is to prepare the students to face interview both at the academic and the industrial sector.

Course Educational Objectives:

CEO1: Provide an opportunity for students to apply theoretical concepts in real life situations.

CEO2: Enable students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks.

Course Outcomes:

The student shall be able to:

CO1: Display the speaking skills and capabilities to demonstrate the subject knowledge.

CO2: Exhibit the strength and grip on the fundamentals of the subjects studied during the semester

CO3: Comprehend for all the courses studied in the entire program.

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^{*}Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.