

SARDAR PATEL UNIVERSITY
Programme & Subject: B.A. Psychology (CBCS)
SEMESTER: VI
Syllabus with Effect from: June -2020-2021

Objectives:

To equip the learner with an understanding of the concept and process of Experimental Psychology
 To impart an understanding of the various domains of Experiment in Psychology

Paper Code: UA06CPSY31		Total Credit: 3
Title Of Paper: ADVANCE EXPERIMENTAL PSYCHOLOGY		
Unit	Description in Detail	Weightage (%)
1.	Learning Definition of basic terms. Types of learning. (Verbal learning, motor learning, Problem solving) Learning curves, Use of non-sense syllabus in learning, Measurement of learning, 1-Nature of the Learning material. 2- Practice methods for measurement of learning, Transfer of Training, Types of Transfer of Training, Theories of Transfer of Training, Experimental study of Transfer	25%
2.	Conditioning Conditioning: The main (basic) concepts of conditioning, Types of conditioning. (Classical Conditioning and Operant Conditioning) Factors affecting on conditioning.	25%
3.	Retention, Forgetting & Thinking what is Retention, Measurement of Retention, Qualitative change in Retention, Retention and witness. What is Forgetting, (Causes of) theories of Forgetting What is thinking?, Concept, Experimental study of Concept formation, Experimental study of problem solving, Imageless thinking, and Investigation methods of thinking.	25%
4.	Association Definition of Association, Law of Association- Primary laws of Association, Secondary laws of Association, Types of verbal Association, Reaction-time, Factor affecting on Reaction-time, Use of Association (Clinical Applications of Association and Legal and Investigation uses of Association) Classification of Association (frequency Table and Content analysis)	25%
Read ings	1. Collins M. and Drever J. (1949) : Experimental Psychology. Matheun & Co.Ltd., London. 2. D'Amato M. R. (1976): Experimental Psychology: Methodology Postman L. and Egan J. (1949): Experimental Psychology. (Harper) & R 3. Underwood B. J. (1949): Experimental Psychology - An Introduction. New York: Appleton Country Crofts Indian Reprint. The Finances of India 4. Woodworth R. S. & Schosberg H. (1938): Experimental Psychology. 5. Anderson John R. (1980) Cognitive Psychology: and its implications. 6. પાઠ્યોગ્ય મનોવિજ્ઞાન કાર્યક્રમ અંગેની આજના અમદાવાદ પાઠ્યોગ્ય મનોવિજ્ઞાન સંસ્થાના સંસ્થાપક યુનિવર્સિટી ગૃહ વિભાગ બોર્ડ યુરત રાજ્ય અમદાવાદ 7. પાઠ્યોગ્ય મનોવિજ્ઞાન આ. અમલન મિલક, ગૌડ, વા, જોડી વગેરે સંસ્થાના અમદાવાદ	



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Objectives:

- To explore the biological basis of experience and behaviour.
- To develop an understanding of the influence of behaviour, cognition, and the environment on bodily system.
- To develop an appreciation of the neurobiological basis of psychological function and dysfunction.

Paper Code: UA06CPSY32		Total Credit: 3
Title Of Paper: BIOLOGICAL BASIS OF BEHAVIOUR		
Unit	Description in Detail	Weightage (%)
1.	Unit 1: Neuron & Nerve impulse Definition of neuron Structure of neuron, types of neuron (by structure and function) Nerve impulse, Nature of Nerve impulse, all or none theory, Synapse	25%
2.	Neurophysiology of vision Vision: Neurophysiology of vision,(visual Stimulus) photo-chemistry of Retina, Structure and Function of Retina,(Cons & Rods, Fovea, Blind spot) Theories of colour contrast , Visual Adaptation,(Dark Adaptation, Light Adaptation), Theories of colour vision, (Defect of Vision) Visual diseases: (Hyperopia, Myopia, Astigmatism, Squint Eye, Colour Blindness,) day vision and Twilight, Types of colour Blindness, Tests of colour Blindness	25%
3.	Neurophysiology of Audition Audition: Neurophysiology of audition,(Auditory Mechanism) Stimulus of sound, auditory disease: Abnormal hearing, Theories of audition,	25%
4.	Neurophysiology of gustatory, Olfaction& Cutaneous Gustatory: (Taste) Neurophysiology of gustatory, Stimulus, Adaptation Of Gustatory, types of gustatory, gustatory Acuity, Olfaction: Neurophysiology of olfaction, Stimulus, Adaptation of Olfaction, types of olfaction, olfactory Acuity, technique of olfactory Measurement Cutaneous: Cutaneous, types of Cutaneous	25%
Readings	1. Miller, Kenneth & Levine Joseph (2 0 0 0). Biology. Prentice Hall , 3. Greenfield Susan (1 9 9 6) - The Human mind explained . Cassell Publishers Limited, London. 5. M.A.Wenger Physiological Psychology 6. R Campbell Biology of man 7.F.L. Ruch Physiology and Life 8.xrlrl 9l mnoiv)an sl.3l.wop3kr yinvisBtg4 inmaR boDRgjurat raJy Amdavad 9. xrlrl 9l mnoiv)an]j mxl kapDlya Anewrtkmar ga6l AnDa pKaxn Amdavad pKaxn Amdavad 10. xrlrl 9 mnoiv)an +.Aar mllstl,xkl ,p3e, mh6a, dvebl.A6.xah pKaxn Amdava 11. xrlrl 9l mnoiv)an A6.Amln ml lk,w6 ,mh6a, dvebl.A6. sl.Jmnadas pKaxn	



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Objective:

To develop an understanding of the influence of environment on behavior, cognition, and the Environment on bodily system

Paper Code: UA06CPSY33		Total Credit: 3
Title Of Paper: ENVIRONMENTAL PSYCHOLOGY		
Unit	Description in Detail	Weightage (%)
1.	Introduction to Environmental Psychology & Methods What is Environmental Psychology? Development of Environmental Psychology, Human life and Environmental problems, Needs of psychological factors in Environmental, Characteristics of Environmental Psychology, Goals of Environmental Psychology, Importance and Utility of Environmental Psychology, Observation methods, Self-report method, Analysis of records and documents, Rating scale, Co-relational method, Experimental method, Case study	25%
2.	Environment and Noise ,Personals Space & Interpersonal relationship What is Noise? Harmony with short noise, Importance of noise control, Continuous long term noise, Personals Space,-nearness, Cultural difference, Gender Difference, Physical touch & Care, Inter personal distance, Space & rationality	25%
3.	Social Dimension and Population Density & over Crowding What is social space behaviour? Regional space limit, Distribution of space, Individual space, Areas of Space, Criticism of Hall's thought, Animals and Crowding, People and Crowd effects of Crowding, Experimental research and Crowding, Effect of over Crowding, Physical and Social Crowding, Over Crowding and Urban life.	25%
4.	Environment Stress & Maintaining Environment What is stress? Types of stress, Criteria for Environmental stress, Effect of Environmental stress, Factors of Environmental stress, Techniques to resolve the Environment, Environment learning, Positive Reinforcement, Negative Reinforcement and punishment, Feedback	25%
Read ings	1. Ittelson W.H. Prosamsky H.M. Rilvin E.G.Winkel G.H.& Dempsey (1974) An Introduction Environmental Psychology, New York Holt Rinehart Winson. 2. tlvarl p̄asagar na4 pyaRr` mnoiv)an bl+ Aavit nr̄kax j ̄ mitll al bnarsldas bgl a roD idll l 3 Pa3e j esl. pyaRr` AneDzaS3r mejem̄3 bl+ Aavit pa&v piBl k̄n Amdavad 4. dvesl.Bal. AneAny pyaRr` n̄mnoiv)an p̄Am Aavit sl̄cta p̄kaxn Amdavad 5 Do.Ae. Aar prmar AneDo. mk̄ p̄pit pyaRr` n̄mnoiv)an p̄Am Aavit Diva[n piBl k̄n Amdavad	



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Objectives:

To equip the learner with an understanding of the concept of Health Psychology and its dimensions.

To impart an understanding of the relation between various disease and human psyche.

To inculcate sensitivity to psycho socio-cultural context of health.

Paper Code: UA06CPSY34		Total Credit: 3
Title Of Paper: HEALTH PSYCHOLOGY		
Unit	Description in Detail	Weightage (%)
1.	Introduction to Health Psychology Definition and meaning of health and Health Psychology - Health Psychology as an interdisciplinary field – relation between Health Psychology and other field of science – current perspectives of health and illness	25%
2.	Models of health Models of personality and disease – The coronary prone personality - Disease prone personality – Personality and immune system - Characteristics of Sthitprajha - Anashakti and behavior guidance	25%
3.	Health promoting and Disease prevention Tobacco (cigarette smoking) – Alcohol (Behavior pattern, treatment and relapse, prevention) – Illegal drug abuse (effect, prevention and treatment) - Developmental, gender and socio cultural factors of health - Health behavior and practice	25%
4.	Some risky disease and stress Heart disease (risk factors for Heart disease, Medical treatment and rehabilitation of Cardiac patients, Psycho social interventions for Heart disease)Stroke (causes, effects, rehabilitation, Psycho social aspects of Stroke)Cancer (prevalence and types of Cancer, Diagnosis and treatment, Psycho social impact of cancer) HIV AIDS (Risk factors, treatment, Psycho social impact of AIDS) Stress (meaning, types of social support for reduce stress, coping with stress)	25%
Readings	1. Friedmen, Howard, s. Health psychology, Prentice Hall, 2002. 2. Sarafino, Edward, P. Health Psychology: Bio psychological Interaction, John Willy & Sons, Inc., 2002. 3. Marks David, F., Murray Michael, Evans, Brain., Carl, Willing, Sage Publication, 2001. 4. Mishra, G. (Ed) Psychological perspective stress and Health, Concept Publication, New Delhi, 1999. 5. Shah A.S. & Joshi Gandharv, Health Psychology, Divine Publication, Ahmedabad, 2007.	



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Objectives:

To equip the learner with an understanding of the concept of Psychotherapy.
 To impart an understanding of the application of various Psychotherapy.

Paper Code: UA06CPSY35		Total Credit: 3
Title Of Paper: PSYCHOTHERAPY		
Unit	Description in Detail	Weightage (%)
1.	Introduction to Psychotherapy Definition, nature and aims of Psychotherapy – key dimension of Psychotherapy – classification of Psychotherapy – procedures of Psychotherapy – factors affecting Psychotherapy – Qualifications and training of Psychotherapist - Experts involved in Psychotherapy	25%
2.	Psychoanalytical Psychotherapy and Non- Directive Psychotherapy Introduction – Free association method – Dream analysis – Stages in Psychoanalytical Psychotherapy - New Psychoanalytical approaches to Psychotherapy - Non- Directive Psychotherapy (back ground, meaning, basic assumptions and advantages)	25%
3.	Psychotherapeutic devices Mental catharsis, suggestion, persuasive and interpretative psychotherapy, hypnosis, Desensitization and Re-education, Evaluation of Psychotherapy	25%
4.	Psychotherapeutic variations Play therapy, Psychodrama, Occupational Psychotherapy, Recreational therapy, Group Psychotherapy, Behavior Therapy, Family Therapy, Transactional Analysis, Alternatives of Psychotherapy	25%
Readings	1. Coleman, J.C. & Broen, W.E. (1975), Abnormal Psychology and Modern Life, Bombay, D.B. Taraporwala and Sons &Co. Pvt. Ltd. 2. Lazarus,R.S. (1969), Pattern of Adjustment and Human Effectiveness, New York: Mc Grow Hill Book Company 3. lazarus, R.S. & Shaffer, G.W. (1952), Fundamental Concepts in Clinical Psychology, New York: Mc Grow Hill Book Company 4. Lugo, J. & Heshey, G.L. (1976), Living Psychology Research in Action, New York, Mc Millan Publisher Co. INC. 5. Wallen, R.W. (1976), Clinical Psychology, The Study of Person, New York: Mc Grow Hill Book Company 6. Patel Mafatlal (1978) Asadharan Manovigyan, Ahmedabad: University Granth Nirman Baord, Gujarat State. 7. bhatt Kusum (1975) Chikitsa Manovigyan, Ahmedabad: University Granth Nirman Baord, Gujarat State.	



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Objectives:

To equip the learner with an understanding of the concept of Psychotherapy.

To impart an understanding of the application of various Psychotherapy.

Paper Code: UA06CPSY36		Total Credit: 3
Title Of Paper: EXPERIMENTAL PRACTICAL (Paper-Pencil)		
Unit	Description in Detail Any five experiments (Paper-pencil) with report writing (P & T)	Weightage (%)
	<ol style="list-style-type: none"> 1. Immediate memory span 2. Letter- Digital substitute 3. Whole V/s part Method of learning 4. To determine and Individual's Intelligence by using a verbal Test 5. To study the influence of repetition of the task of memorizing 6. To study the relative vividness of Imaginary in the chief sense 7. to study the accuracy and reliability of observation 8. Measurement of Family Adjustment 	100 %
Readings	<ol style="list-style-type: none"> 1. Collins M. and Drever J . (1 9 4 9) : Experimental Psychology. Matheun & Co. Ltd., London. 2. D 'Amato M. R. (1 9 7 6) : Experimental Psychology: Methodology Psychophysics and Learning . New York - Tokyo, McGraw Hill Kogakusha . 3. Postman L. and Egan J. (1 9 4 9) : Experimental Psychology. (Harper) & Row (Kalyani Pub. Ludhiana.) 4. Underwood B. J. (1 9 4 9): Experimental Psychology - An Introduction. New York: Appleton Country Crofts Indian Reprint. The Finances of India Press -1965 5. Woodworth R. S. & Schosberg H. (1 9 3 8): Experimental Psychology. New York (Holt) Rinehant and Winston Inc . Third Indian Reprint Oxford IBH Publishing Co New Delhi, Bombay, Calcutta. 6. Snodgrass and Haydon (). Human Experimental Psychology 7. Anderson John R. (1 9 8 0) Cognitive Psychology: and its implications. IInd edition, W. H. Freeman and Company, New York 8. પાઠ્યોગ્ય મનોવિજ્ઞાન અને પ્રાયોગિક પદ્ધતિ/ આર. આર્મિન મિલ્ક, ગાંધી, વા, જી ઠેલ વગેરે સી. જીનડાસ પટેલ અમદાવાદ 9. પાઠ્યોગ્ય મનોવિજ્ઞાન એ. સી. કાનાવલ યુનિવર્સિટી ગાંધી અમદાવાદ 	



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Objectives:

- To equip the learner with an understanding of the concept and process of Forensic Psychology
- To impart an understanding of the various domains of Forensic Psychology

Paper Code: UA06DPSY21 DISCIPLINE SPECIFIC ELECTIVE (DSE)		Total Credit: 3
Title Of Paper: : Forensic Psychology		
Unit	Description in Detail	Weightage (%)
1.	Forensic psychology & Psychologists Concept and definition Forensic psychology, History of Relationship psychology & law Conflicts between psychology & law, Forensic psychologist's Role and Responsibilities.	25%
2.	Psychology & law Enforcement Who are the Clients The selection of police, The Training of Police, Evaluating Effectiveness of Police Activities.	25%
3.	Techniques of Criminal Investigation Concept Criminal Profiling Psychological Autopsies, Hypnosis in Criminal in investigation, The Polygraph Technique.	25%
4.	Dangerousness to Risk Assessment Risk Assessment – & Predictions of Dangerousness, Prediction of Violence, Prediction of Sexual offering, Prediction of Domestic Violence & Child Abuse, The Prediction of Suicide	25%
Read ings	Shah Arvind S. (2016) Forensic psychology, Pashwa Publication, Ahmedabad	

