

SARDAR PATEL UNIVERSITY
Programme: BA (Psychology)
Semester: V
Syllabus with effect from: June 2013

Paper Code: UA05CPSY16	Total Credits: 3
Title Of Paper: Biological Bases of Behaviour - I	

Unit	Description in detail	Weightage (%)
1	Basics concept of Biology: Historical Development of Biological Psychology, Various Approaches of Biological Psychology, (Philosophical, Clinical, Experimental Approaches) Cells and Structure of Cell, Cell-wall membrane, Protoplasm (Cytoplasm) Nucleus, Tissue (Epithelial Tissue, Connective Tissue, Muscle Tissue, Nerve Tissue.)	
2	Systems of Human Body: Skeletal system, muscular system, circulatory system, reproductive system, endocrine system, nervous system, respiratory system, digestive system, excretory system Internal Environment, Intermediary metabolism, metabolism of cell Enzymes, Nature of Enzymes, Function of Various Enzymes, Vitamins Characteristics of vitamins function of vitamins	
3	Central Nervous System and Endocrine System: Central nervous system- spinal cord, function of spinal cord, Brain, Types of brain Function of brain, Endocrine System, Various types of glands	
4	Peripheral Nervous System: Peripheral Nervous System: somatic system, autonomic system, Sympathetic Division, Para Sympathetic Division, what is reflexion?, types of reflexion, Reciprocal Inhibition, Reaction Time, Motor Unit	

Basic Text & Reference Books:

- Miller, Kenneth & Levine Joseph (2000). Biology. Prentice Hall, Massachusetts.
- Baron, Robert (1999) - Psychology. Prentice-Hall of India Private Limited, New Delhi.
- Greenfield Susan (1996) - The Human mind explained. Cassell Publishers Limited, London.
- Plomin Roderic (1994) - Genetics and experience SAGE, New Delhi
- M.A. Wenger Physiological Psychology
- R Campbell Biology of man
- F.L. Ruch Physiology and Life
- xrllrl 9l mnoiv)an sl.3l.wop3kr yunvisBfg4 inmaR boDRjjurat raJy Amdavad
- xrllrl 9l mnoiv)an Jj mxl kapDlya Anewrtkmar ga6l AnDa pKaxn Amdavad
- pKaxn Amdavad
- xrllrl 9 mnoiv)an +.Aar mlstl,xll ,p3e, mhæa, dvebl.Ae.xah pKaxn Amdavad
- xrllrl 9l mnoiv)an Aæ.Amln ml lk,wæ ,mhæa, dvebl.Ae. sl.Jmnadas pKaxn Amdavad
- xrllrl 9 mnoiv)an yogæ wæ,keke mhæa,sl.bl. dve, ivrl pKaxn Amdavad

