

Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly West Bengal University of Technology)
Syllabus for B. Sc. In Behavioural Science & Applied Psychology
(Effective for Academic Session 2018-2019)

Second Semester

Theory:

BBS-201: Research Methodology – I

Unit-1: Intro to Research

What is Psychological Research? The Goals of Psychological Research, Paradigms of Research, Principles of Good Research, Ethics in Psychological Research.

Unit-2 : Concepts of Variable

Variables and their Classification, Major Steps in Psychological Research

Unit-3: Problem & Hypothesis, Steps in Research

Characteristics of Problems, Definition, Sources and Criteria of Good Hypothesis Hypothesis and Theory

BBS-202: Educational Psychology

Introduction to Educational Psychology, History of Educational Psychology

Unit-1: Theories & App of Intelligence and Decision Making

Definition, Nature, Classification

Theories: Spearman, Thurstone, Guilford, Cattell

Assessment of Intelligence, Heuristics in decision-making: representativeness, availability and Anchoring and Adjustment, The Framing Effect, Overconfidence in decisions, The Hindsight Bias

Unit-2: Aptitude, Ability & Interest

Definition, Nature, interconnection

Unit-3: Exceptional Children & Delinquency

Classification: Gifted, Mental Retardation, Problem Children, Backward Children, Characteristics, Education of Different Classes of Exceptional Children

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BBS-203: Perception & Psychophysics

Unit-1: Perception

Perception and its Determinants; Perception of Form, Space, Movement and time. Optical illusions

Unit-2: Object Recognition

Bottom -Up and Top-Down Processing, Face Perception

Unit-3: Introduction to Psychophysics

Concepts of Sensory Thresholds. Psychophysics: Weber-Fechner Law

Classical Methods: (i) Constant Method, (ii) Gradation Method, (iii) Method of Average Error

BBS-204: Bio-Psychology

1. Nervous system a. Central – Structure and function of Brain and Spinal Cord b. Autonomic Nervous System – Structure and function 2. Peripheral nervous system – Structure and neural control of behaviour 3. Emotional behaviour: physiological correlates of emotion: The role of cortex in emotion. Emotion and endocrine gland. 4. Neurophysiology of Learning and Memory

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BBS – 281:Personality Studies

Unit-1: Freud & Psychosexual Dev – 16 hrs

Unit-2: Erikson & Psychosocial Dev – 10 hrs

Unit-3: Trait & Type Approach of Personality – 14hrs

Practical: BBS - 291

1. Lab Demo by Controlling Experimental Variables through Simple Reaction Time Interest Inventory (Gilford Zimmamon)

Reference:

- Hall, C. S, Lindzey, et all (2002) – Theory of Personality
- J & G Feist (2001) – Theories of Personality
- Aronson, Wilson, Akert (2013) – Social Psychology
- Schultz & Schultz (1973) – Psychology & Work Today
- Kerlinger, N (1996) – Foundations of Behavioural Research
- Anastasi, A (1988) – Psychological Testing
- Singh, A.K (1997) – Test, Measurements & Research Methods in Behavioural Sciences