



SHARDA
UNIVERSITY
Beyond Boundaries



Sharda School of Humanities and Social Sciences

SHARDA UNIVERSITY

Department of Psychology

PhD Entrance Syllabus

Unit 1: Foundations of Psychology

1. Emergence of Psychology: Eastern and Western Perspectives
2. Indian Psychology: Bhagavad Gita, Buddhism, Sufism, Integral Yoga
 - Western Schools of Thought: Structuralism, Functionalism, Psychoanalysis, Gestalt, Behaviorism, Humanistic-Existential, Cognitive Revolution, Multiculturalism
3. Research Methodology and Statistics
 - Research Meaning, Purpose, and Dimensions
 - Research Problems, Variables, Operational Definitions, Hypothesis, Sampling
 - Ethics in Research Conduct and Reporting
4. Paradigms and Methods of Research
 - Quantitative, Qualitative, Mixed Methods Approach
 - Observation, Survey, Experimental, Quasi-experimental, Field Studies, Cross-Cultural Studies, Phenomenology, Grounded Theory, Focus Groups, Narratives, Case Studies, Ethnography
5. Statistics in Psychology
 - Measures of Central Tendency and Dispersion
 - Normal Probability Curve, Parametric and Non-parametric Tests
 - Correlational Analysis: Product Moment, Rank Order, Special Correlation Methods
6. Experimental Designs
 - ANOVA, Randomized Block Designs, Repeated Measures Design, MANOVA, ANCOVA, Single-Subject Designs

Unit 2: Psychological Testing

1. Types of Tests and Test Construction
2. Test Standardization: Reliability, Validity, Norms
3. Areas of Testing: Intelligence, Creativity, Neuropsychological Tests, Personality Assessment, Interest Inventories
4. Attitude Scales and Computer-based Psychological Testing
5. Applications of Psychological Testing: Clinical, Organizational, Business, Education, Counseling, Military, Career Guidance

Unit 3: Biological Basis of Behavior

1. Sensory Systems and Neurons
2. Central and Peripheral Nervous Systems
3. Muscular and Glandular Systems
4. Biological Basis of Motivation and Emotion
5. Genetics and Behavior, Nature-Nurture Controversy

Unit 4: Cognition and Learning

1. Attention and Perception
2. Learning Processes and Theories
3. Memory Processes and Theories of Forgetting
4. Thinking, Intelligence, and Creativity
5. Language and Thought, Problem Solving, Decision Making

Unit 5: Social Psychology and Applied Areas

1. Nature, Scope, and History of Social Psychology
2. Theoretical Perspectives: Field Theory, Cognitive Dissonance, Social Cognition
3. Social Perception, Attitude, Group and Social Influence
4. Applied Social Psychology: Health, Environment, Law, Peace Psychology
5. Human Development, Psychopathology, Psychotherapies, Organizational Behavior, Sports Psychology, Counseling Psychology

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Ph. D. Coordinator

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