GALGOTIAS UNIVERSITY
SCHOOL OF LIBERAL EDUCATION
PSYCHOLOGY SYLLABUS FOR Ph.D PROGRAM ENTRANCE

Unit	Syllabus
Unit 1 – Introduction of Psychology	Psychological thoughts
	Academic Psychology in India and
	Western Countries
	Essential aspects of knowledge paradigms
	Paradigms of Psychology
Unit 2 – Research Methodology and Statistics	Research: Meaning, Purpose, and Dimensions
	Ethics in conducting and reporting research
	Paradigms of research
	Statistics in Psychology
	Correlational Analysis
	Experimental Designs
Unit 3 – Psychological testing	Types of tests
	Test construction
	Test standardization
	Areas of testing
	Computer-based psychological testing
Unit 4 – Biological basis of behavior	Sensory systems
	The Central and Peripheral Nervous Systems
	Methods of Physiological Psychology
	Muscular and Glandular system
	Biological basis of emotion, Genetics, and behavior

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Unit 5 – Attention, Perception, Learning, Memory, and Forgetting	Attention: Forms of attention, Models of attention
	Approaches to the Study of Perception
	Signal detection theory
	Learning Process: Fundamental theories
	Memory and Forgetting
Unit 6 – Thinking, Intelligence, and Creativity	Theoretical Perspectives on thought processes
	Problem-solving
	Metacognition
	Intelligence
	Creativity
Unit 7 – Personality, Motivation, emotion, stress, and Coping	Determinants of personality: Biological and socio-cultural
	Basic motivational concepts
	Exploratory behavior and curiosity
	Emotions: Physiological correlates
	Conflicts: Sources and types
Unit 8 – Social Psychology	Nature, scope, and history of social psychology
	Traditional theoretical perspectives
	Social perception
	Group and Social influence
	Applied social psychology
Unit 9 – Human Development and	Developmental processes

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Interventions	Various aspects of development
	Psychopathology
	Psychotherapies
	Applications of theories of motivation and learning in School, Counseling
	Issues of Gender, Poverty, Disability, and Migration
	Peace psychology
Unit 10 – Emerging Areas	Wellbeing and self-growth
	Health
	Psychology and technology interface