Syllabus for M. Phil. /Ph. D. Entrance Examination  
(Psychology) 2014.

There are four papers in M. Phil./Ph. D. Entrance test. The student has to attempt four subjective questions from six questions, selecting at least one question from each paper. He/She has also to attempt all the thirty objective questions.

Paper-I  Research Methodology
Paper-II  Cognitive Processes
Paper-III  Systems and Theories in Psychology
Paper-IV  Social Psychology
Paper-I

Research Methodology

Note: Two subjective questions carrying ten marks each and nine objective type questions carrying one mark each to be set from six units.

Unit I

Introduction to Research; Meaning and Purpose of Research; Problem Identification: Role of Theory in Research; Hypotheses Testing, Ethics in Research.

Unit II

Quantitative Research: Experimental and Non-Experimental Research; Laboratory Experiments; Field Experiments; Field Studies and Survey Research.

Unit III

Qualitative Research: Meaning and Purpose; Qualitative Research Strategies: Case Studies; Ethnography.

Analysis and Interpretation of Qualitative Data: Miles and Huberman’s Framework; Coding, Memoing, Abstracting And Comparing, Grounded Theory Analysis.

Unit IV


Methods of social Research: Experimental Method; Descriptive Method.

Unit V

Hypothesis Testing: Nature of Hypothesis Testing; ‘t’ Test; Chi-Square Test of Independence. Pearson’s product moment correlation; Spearman’s Rank Correlation Coefficient.

Analysis of Variance: One-Way; Two Way ANOVA; Post Hoc Tests, Kruskal- Wallis and Friedman’s Tests.

Unit VI

Repeated Measurement and Other Experimental Design: One–Factor Repeated; Randomized Block Design: Latin Square; Nested Factor Design. Factor Analysis.

Readings

Aanstoos (Ed.) (1984) Exploring The Lived World: Reading In

Unpublished Colaizzi. P.F. (1973) Reflection and Research in Psychology Dubuque:

Kirk. J. & Miller, M.L (1986) Reliability And Validity In Qualitative Research New Hum Sage Manuscript. University of Dallas, USA


**Paper-II**

**COGNITIVE PROCESSES**

**Note:** Two subjective questions carrying ten marks each and nine objective type questions carrying one marks each to be set from six units.

**Unit I**

Introduction: Origin and Current Status of Cognitive Psychology

Attentional Process: Selective Attention and Its Theories; Divided Attention and Resource Allocation.

**Unit II**

Memory: Models of Memory Structural and Levels of Processing Models, Tulving’s Episodic, and Procedural Models; McClelland’s PDP Approach;

Sensory Memory: Iconic and Echoic Memories. Short-Term Memory; Long-Term Memory; Autobigraphical ; Flash Back Memories; Memory Improvement.

**Unit III**


**Unit IV**


**Unit V**

Language and the Brain; the Localization View; Speech Disorders, Errors in Speaking, Cognitive Tasks Involved in Writing.

**Unit VI**

Creativity: Nature and Meaning, Factors Affecting Creativity Development of Creativity.

Problem Solving: Classification of Problems; Problem Solving Approaches; Means End Heuristics and The Analogy Approach

Decision-Making: Algorithms and Heuristics Representatives, Availability Anchoring and
Adjustment; the Framing Effect and Overconfidence in Decisions.

**Readings:**

Galotti, K.M. (1999) Cognitive Psychology In and Outside Laboratory, Mumbai
Paper-III

SYSTEMS AND THEORIES IN PSYCHOLOGY

Note: One subjective question carrying ten marks and six objective type questions carrying one mark each to be set from three units.

Unit I

Associationism: S-R Association; Ebbinghaus; Pavlov; Thorndike

Structuralism: Antecedents; Titchner’s Contribution; Criticism and Fate of Structuralism.

Unit II

Functionalism: Antecedents; Contributions of Hall, Dewey, Angell; Behaviorism; Early Trends; Watson’s Contribution; S-R Theories; Hull-Spence School; Skinner, Guthrie, Miller And Mowrer.

Unit III

Gestalt Psychology; Antecedents, Concepts of Field and Isomorphism; Empirical Statements; Evaluation and Status; Lewin’s Vector Field Theory; Tolman’s Cognitive Field Theory. Psychoanalysis: Antecedents; Freud; Adler; Jung; Criticism and Evaluation. Self Theories.

Reading:

Boring, E. G. History of Experimental Psychology, Times of India Press, Bombay


Paper-IV

SOCIAL PSYCHOLOGY

Note: One subjective question carrying ten marks and six objective type questions carrying one mark each to be set from three units.

Unit-I

Unit-II

Unit-III

Readings: