

MASTER OF ARTS (PSYCHOLOGY)

MAP-101

ADVANCED GENERAL PSYCHOLOGY

**CENTRE FOR DISTANCE
AND ONLINE EDUCATION**



**MANGALAYATAN
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M.A. PSYCHOLOGY

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4. Ms. Rainu Verma

5. Mr. Ripudaman Singh
6. Mr. Rohit Kumar

BLOCK – I Attention and Perception

Unit-1 Attention: Nature and meaning of attention; Focused auditory attention; Focused visual attention; Divided attention; Automatic processing; Action slips

Unit-2 Perception: Approaches to Perception: Gestalt and Physiological and Information Processing Approach; Perceptual Organisation; Movement Perception; Perceptual constancy: shape, Space and depth perception; Role of motivation and learning in perception; Signal Detection theory, Subliminal perception Extra sensory perception, Errors in perception

BLOCK- II Learning and Memory

Unit-3: Learning: Classical Conditioning, Operant Conditioning, Cognitive Learning Theories: Hull, Tolman, Seligman; Verbal learning

Unit-4: Memory: Process of memory: Encoding, Storage and Retrieval; Stages of Memory: Sensory Memory, Short term Memory/Working Memory, Long Term Memory; Models of Memory: Information Processing Model, Level Processing Model, Parallel Distributed Processing Model; Everyday Memory

Unit-5: Forgetting: Theories of Forgetting; Techniques of Improving Memory; Memory and Brain; Amnesia; Alzheimer's Disease

Unit-6: Factors affecting working memory- Pronunciation time, Semantic similarity of the items in working memory. Baddeley's working memory approach- Phonological loop, Visuo-spatial sketch pad, and Central executive.

BLOCK-III HUMAN BEHAVIOUR

Unit-7: Biological Basis of Behaviour: Evolutionary perspectives and Genetics; Nervous System: Neurons, Central nervous system, Autonomic nervous system; Neural transmission; Methods of studying brain; Endocrine system; Sense organs: Eye, Ear

Unit-8: Motivation: Basic concepts: Instinct, Need, Drive, incentive, Motivational cycle; Theories: Psychoanalytic, Cognitive, Humanistic- Maslow, Alderfer

Unit-9: Types of Motivation: Biological- Hunger and eating behaviour, Sex and sexual behaviour, Sleep; Social- Achievement, Affiliation, Approval, Exploratory behaviour, Curiosity, Cross-cultural perspective of Motivation: Aggression, Achievement, Power, Intrinsic motivation;

Unit-10: Emotion: Theories of Emotion: James-Lange, Arousal-interpretation theory, Cognitive theories- Zajonc, Lazarus, Parkinson; Physiological systems in emotion; External expression of emotion; Stress and Coping

Unit-11: Thinking: Definition and Mental Image; Types of thinking: Convergent and Divergent thinking.

BLOCK-IV CONCEPTUALIZATION

UNIT 12: Concepts Formation: Logical Concepts, Natural Concepts and Prototype. Role of concepts in thinking.

UNIT 13: Language: Nature: Communicative, Arbitrary, Structured and Generative; Dynamics of Language: Phonemes, Morphemes, Syntax, Semantics and Pragmatics.

UNIT 14. Acquisition of Language: Stages of Language Acquisition. Theories of Language Acquisition; The relationship between Language and Thinking: The Linguistic Relativity Hypothesis.

BLOCK V PROBLEM SOLVING

UNIT 15: Problem solving: Concept, Stages in problem solving: Preparation, production, Judgement & incubation.

UNIT 16: Problem solving Strategies: Trial & Error, Algorithm, Heuristic,

Insight & Intuition; Factors influencing problem solving. Impediments and barriers to problem solving.

UNIT 17: Decision Making: Concept; Heuristics in Decision Making & Cognitive Control in Decision Making 15. Decision Making Strategies: The Signal Feature, The Additive Model & The Elimination by Aspects

Unit 18: Deductive Reasoning: An overview of Conditional Reasoning, Difficulties with negative information and abstract reasoning problems, The belief-bias effect, Making an Illicit conversion, The confirmation Bias.

Unit 19: Decision Making: The Representativeness Heuristic, The availability heuristic, The Anchoring and adjustment heuristic, The framing effect.

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MASTER OF ARTS (PSYCHOLOGY)

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RESEARCH METHODS-II

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BLOCK I Research tools

Unit-1 Research tools: Concept and characteristics of a good research tool; Collecting Qualitative and Quantitative data through research tools

Unit-2 Some specific research tools their chief feature and procedures for development them: Interview and Questionnaire, observation and rating scales and check list, Scales, tests and Sociometry.

Unit-3 Estimation of their reliability & validity

BLOCK II Quantitative Data Analysis

Unit – 4 Quantitative Data Analysis: Organization of Quantitative data, analysis of quantitative data, modern computational mechanical aids. Interpretation of Results, conclusions and generalizations.

Unit-5 Measures of central tendency. Measures of variability.

Unit – 6 Variance and Quartile-deviation and their uses. Measures of relative position.

Unit – 7 Percentiles and Percentile ranks. Normal probability curve; properties and application.

Unit – 8 Correlation –Meaning of Correlation, calculation and interpretation of coefficient of correlation by Spearman and Pearson's methods.

BLOCK III Inferential Statistics

Unit 9 Parametric tests: Assumptions, sampling distribution of means. Properties and uses of normal distribution, z-test, ANOVA

Unit 10 Non-parametric tests: Chi square, Partial and Multiple correlations, Eta Coefficient: their calculation and interpretation. Phi-Coefficient, Bi-serial and point bi- serial Coefficients; Contingency coefficient via chi-square: their calculation and use.

Unit 11 Hypothesis testing and Interpretations. Application of statistical tests and their interpretation, N Validity and Limitations of findings; factors influencing validity of research; Internal vs. external validity; how to increase validity of research findings.

BLOCK IV Reporting formats in educational research

Unit- 12 Reporting of Research, Writing of research report; Thesis and dissertation formats

Unit-13 Scientific writings, needed skills and conventions. Preparation of research articles, seminar papers and monographs – their formats and needed skill requirements for preparation.

Unit-14 Difference in reporting styles, features of research reports for quantitative and qualitative researches, Case presentations, formulation of research abstracts and summaries.

Unit-15 Research report: sections (Preliminary part, main body, reference section), Skills of writing research report Evaluation of Research: Criteria and types and types of research.

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