

| SEMESTER-II | | CODE: MPY -C211 | PAPER TITLE: COGNITIVE PROCESSES | |
|--|---|--|----------------------------------|-----------------|
| Credit | Time | Internal Assessment | End Semester Examination | Total Marks |
| 05 | 03 Hours | 20+10=30 Marks | 70 Marks | 30+70=100 Marks |
| COURSE OUTCOMES: | | | | |
| <ol style="list-style-type: none"> 1. Understand cognitive processes of attention, perception, memory, thinking, creativity, concept formation, decision making, problem solving and intellectual functioning 2. Explain factors and theories related to cognitive processes 3. Evaluate cognitive processes in human beings and apply the knowledge to solve human problems | | | | |
| UNIT-I | Attention and Perception | <ul style="list-style-type: none"> • Attention – meaning, characteristics, types, determinants, selective and sustained attention, theories of attention. • Perception- meaning, Gestalt laws, Figure-ground organization, Perception of depth and movement, Perceptual constancy - Brightness, size and shape, illusions. | | |
| UNIT-II | Memory and Forgetting | <ul style="list-style-type: none"> • Memory – meaning, stages, types (STM and LTM), Methods and Materials, determinants of memory, Atkinson–Shiffrin model, information processing model • Forgetting- Concepts, Causes, forgetting curve • Theories of forgetting –interference theory, preservation-consolidation theory. | | |
| UNIT-III | Thinking, Problem solving and | <ul style="list-style-type: none"> • Thinking – meaning, Types, thinking and imagination, Language and thinking. • Problem solving- Nature, methods of problem solving, factors influencing problem solving, steps of problem solving | | |
| UNIT-IV | Concept Formation, Creativity and Decision Making | <ul style="list-style-type: none"> • Concept formation-nature, types of concepts, factors influencing concept formation • Creativity - Definition and measurement of creativity, • Decision Making - Framing Effect, Individual, Group Decision Making, Risk taking and performance | | |
| UNIT-V | Human Abilities | <ul style="list-style-type: none"> • Intelligence - definition, types, • Concept of mental age and IQ, heritability • Theories of intelligence - Thurston, Gardner, Sternberg | | |
| Books Recommended: | | | | |
| <ol style="list-style-type: none"> 1. अरुण कुमार सिंह (2015) उच्चतर सामान्य मनोविज्ञान, मोतीलाल बनारसीदास ISBN-13: 978-8120820821 2. अरुण कुमार सिंह (2013) संज्ञानात्मक मनोविज्ञान, मोतीलाल बनारसीदास ISBN-13: 978-8120827370 3. मुहम्मद सुलेमान (2015) सामान्य मनोविज्ञान: मूल प्रक्रियाएं एवं संज्ञानात्मक प्रक्रियाएं मोतीलाल बनारसीदास ISBN-13: 978-8120831841 4. बीना श्रीवास्तव एवं वर्षा आनंद (2019) संज्ञानात्मक मनोविज्ञान। मोतीलाल बनारसीदास ISBN-13: 978-8120829374 5. सरयू प्रसाद चौबे (2005) सामान्य मनोविज्ञान के मूल तत्त्व कन्सेप्ट पब्लिशिंग ISBN: 81-80691713 6. J.W. Kling and L. A. Riggs (1984) Wordsworth and Schlosberg's Experimental Psychology. ISBN-13: 0030686801-978 7. R.L. Solso (2004). Cognitive Psychology. Pearson Education. ISBN-13: 978-0205410309 8. Michael W. Eysenck and Mark T. Keane (2015) Cognitive Psychology: A Student's Handbook. Psychology Press. ISBN-13: 978-1848724167 | | | | |
| Pattern of Theory Question Paper: The theory paper will consist of two sections. Section-A will be of 30 marks in which 10 short answer type questions will be asked and the student will have choice to answer any five questions, each question will carry 06 marks. The Section-B shall be of 40 marks and will contain 08 questions of long answer type and the student will have a choice to answer any four questions. Each question will carry 10 marks. The examiner will be required to set up a question paper covering the entire syllabus uniformly. | | | | |