

# COURSES OF STUDIES

For  
2007-2008

## MASTER OF ARTS PSYCHOLOGY



**RAVENSHAW UNIVERSITY  
CUTTACK**

### COURSES OF STUDIES

**P. G. - I**

**SEMESTER - I**

**PAPER - I (PSY- 1.1.1)**

**FM- 50**

**Time- 3 Hrs**

### **COGNITIVE PSYCHOLOGY**

**OBJECTIVE :** To help students to acquire additional knowledge regarding the use and applications of concepts encountered in cognitive psychology.

#### **Unit - I**

- a) Cognitive approach, concept of cognitive Psychology, Domain of cognitive Psychology.
- b) Antecedents of modern cognitive Psychology, Origin and current status.
- c) Cognitive models, the computer metaphor and human cognition.

#### **Unit - II**

- a) Attention - Nature of attention.
- b) Bottleneck theories of attention, filter theory. Attenuation theory. Late selection theory.
- c) Alternative to filter theories - Capacity models, Demanding stimuli, Automaticity.

#### **Unit- III**

- Perception and interpretation of sensory stimulus.
- a) Sensation and Perception.

- b) Perceptual Span.
- c) Pattern Recognition (form Perception). Visual Pattern recognition, Bottom-up Vrs. Top-down Processing. Template matching -theory

**Readings:**

1. Cognitive Psychology - 4 th Edn. (1995), Robert. L. Solso, Ally & Bacon A Simen & Schuster Company, Need ham Heights.
2. Galotti, K.M. (1999), Cognitive Psychology in and outside Laboratory, Mumbai, Thomson Asia.
3. Matlin, Mangeret W. (1995) Cognition (3rd Edn) Priam Books Pvt. Ltd. Bull Temple Road, Basavasigndi, Bangalore.

**PAPER - II (PSY- 1.1.2)****FM- 50****Time- 3 Hrs****RESEARCH METHODOLOGY**

**OBJECTIVE :** To help students to appreciate the value of scientific research methods. To provide an exposure to students regarding quantitative and qualitative methods of drawing psychological conclusion.

**Unit - I**

Meaning of research, types of research, variable and hypothesis, sampling, preparing a research proposal, writing a Research Report.

**Unit - II**

Research Methods - Experimental and Quasi Experimental Research, single subject design, Qualitative research (Characteristics, content analysis, case study, ethnographic studies)

**Unit-III Tests.**

Reliability (Types, factors influencing reliability, standard error of measurement.) Test validity and interpreting validity coefficients. Item analysis.

**Readings : -**

1. Psychological Testing-Gregory R.J.(4th Ed) 2005.
2. Anastasi A & Urbina S Psychological Testing, New Delhi Prentic Hall,1997.
3. Best J.W. & Kahn J.V.Research in Education, New Delhi, Prentic Hall (1999)

**Paper-III (Theory) (PSY-1.1.3)****FM- 50****Time- 3 Hrs****PSYCHOLOGY OF HUMAN DEVELOPMENT,****Objectives:**

1. To acquaint students with various perspectives of understanding human Development.
2. To assist students to appreciate the elements of transition from one stage to subsequent stage of life.

3. To train students to understand the problems associated with each phase of life.

**Unit -I Nature of Development.**

- a) Research methods in Developmental Psychology.
- b) Theories of Human Development, Learning theory, Psychoanalytic, Cognitive, Humanistic and Ethnobiological approaches.

**Unit - II**

- a) Development of perceptual Processes and learning.
- b) Development of Intelligence, creativity and Language.
- c) Development of self and personality.

**Unit - III**

- a) Self-Efficacy- Nature, function and sources, Activated processes. Family system, Application domain.
- b) Development of Helplessness-recent approach, factors, socio-cultural determinants of helplessness.

**Readings :**

1. Sigelman.C.X. & Shaffer D.N. (1995) Life Span Human Development, Brooks/Cole Publishing Company, Pacific Press, California.
2. Bandura A.(Ed) Self-efficacy in Adaptation of youth to changomg society,Cambridge University Press (1997)

3. Sahoo, F.M.(2002) Dynamics of Human Helplessness. Concept Publication, New Delhi.
4. Papalia.

**Paper-IV (Practical) (PSY-1.1.4)**

**FM- 50**

**Time- 6 Hrs**

**Objective**

To train students to acquire the skill of administering, scoring and interpreting test results.

1. Wechsler's Adult Intelligence Test (WATS)
2. D.A.T. (Differential Aptitude Test)
3. A measure of self concept.
4. Reading Assessment test.
5. A measure of cognitive style.
6. Assessment attributional style (Adult)

**Reading:**

1. Experimental Psychology - S.Mohsin.
2. Learning About Yourself and Others- U.N.Dash, A.S.Dash, G.K.Nanda, H.Mishra, N.Jena, 2005.

**Paper-V (Practical) (PSY-1.1.5)**

**FM- 50**

**Time- 6 Hrs**

**Objective :**

To guide students to understand the value of Psychological tests in screening, selecting and

developing, designed skills in a target population.

1. Locus of Control scale.
2. Emotional Maturity scale.
3. Occupational aspiration scale.
4. Projective tests.
5. Assessment of Academic anxiety test.
6. A scale of adaptation.

**Readings :**

1. Experimental Psychology- Postman and Egan

**P.G.- I**

**Semester-II**

**Paper-VI (Theory) (PSY-1.2.6)**

**FM- 50**

**Time- 3 Hrs**

**COGNITIVE PSYCHOLOGY**

**Objective:**

To help students acquire additional knowledge regarding the use and applications of concepts encountered in Cognitive Psychology during the first semester.

**Unit - I**

Memory - Concept of Memory, models of Memory- Waugh & Norman, Atkinson and Shiffrin, Episodic and

Semantic Memory (Tulving), Short term memory. Coding and retrieval of information from STM. Long Term Memory-Storage and Structure. Forgetting- Bocay theory, interference, cuedependent forgetting.

**Unit-II**

Concept formation: Strategies. Problem solving: Classification problem. Newell and. Simon's theory. Creativity: Nature and measurement, factors affecting creativity.

**Unit-III**

- (a) Psycholinguistic aspect of language, Inner properties and environmental effects. Linguistic-Relativity Hypothesis, cognitive Psychology and language. Abstraction of Linguistic ideas.
- (b) Knowledge and comprehension- Kintach's model of comprehension. Chomsky's theory of generative grammar theory.

**Readings :-**

1. Cognitive Psychology- 4th Edn. 1995, Robert, Lsolso Ally & Bacon. A simon & Schuster Company, Need Ham Hrights.
2. Galoti, K.M.(1999) Cognitive Psychology in and outside Laboratory, Mumbai, Thomsontsua.

3. Matlin Margaret (1995) Cognition (3rd Edn) Prism Books Pvt. Ltd. Bull Temple Road, Basavasinai, Bangalore.

**Paper-VII (Theory) (PSY-1.2.7)**

**FM- 50**

**Time- 3 Hrs**

**STATISTICS**

**Objective:**

1. To help students to develop an ability to distinguish inferential Statistics from descriptive Statistics.
2. To acquaint students with basic statistical techniques necessary for drawing Psychological inference.
3. To help students to use Statistical techniques for their research Projects.

**Unit- I**

- (a) Normal Probability Curve : Characteristics and Applications, Logic of Hypothesis Testing, Type I and Type II errors, Power of Statistical tests.
- (b) 't' test, product-moment-correlation and simple regression.

**Unit-II :**

- (a) One way and Two way ANOVA, Randomized block design.
- (b) Multiple comparisons (Newman-Keuls, Tukey test, scheffe test) Duncan's Multiple Range test.

**Unit - III**

- (a) Rank order correlation, Sign test, Median test, Chi-Square ( $X^2$ )
- (b) Mann-Whitney 'U' test, Kruskal-Wallis, One way ANOVA, Friedman's Two-way ANOVA

**Readings:**

1. Ferguson, S-A & Takane, Y (1989) Statistical Analysis in Psychology and Education, New Delhi, M.C.Graw-Hill.
2. Siegel, S (1994) Non Parametric Statistics, New Delhi, Mc Graw Mill.
3. K.D.Broota.

**Paper-VIII (Theory) (PSY-1.2.8)**

**FM- 50**

**Time- 3 Hrs**

**LIFE SPAN DEVELOPMENT**

**Objective :**

To help students to increase their knowledge of developmental Psychology.

**Unit - I**

- (a) The Genetics of Life Span Development.
- (b) Factors affecting Development - Effect of birth factors, the family, life styles, Play, School and work.

**Unit - II**

- (a) Intellectual Disability :Characteristics, factors affecting Disability, Educational provisions.
- (b) Gifted children : Characteristics, Gender difference, Gender stereotype, Sex role identification, Androgyny.

**Unit-III**

- (a) Adolescents- Identity issues.
- (b) Old age: Characteristics, change in mental abilities, Psychopathology (Depression, Dementia, Alzheimers)

**Readings:-**

1. Sigelman.C.K. & Shaffer D.N., Life span Human Development, Brooks/Cole Publishing Company; Pacific Press, California. Moyhaddam. F . M. (1998) Social Psychology (1st Edn ) W.H.Freeman Company, New York.
3. Handbook of Indian Gerontology Edited by P.V.Ram Murty and D, Yamuna, New Delhi, Serial Publication, 2004.
4. Sahoo, F.M.- Sex roles in transition, New Delhi, Kalpazam,2004.

**Paper-IX (Practical) (PSY-1.2.9)****FM- 50****Time- 6 Hrs****Objective :**

To train students in making use of Psychological tests

in the understanding of human problems.

1. Measure of Androgyny.
2. Indian adaptation of Maslow's Security-Insecurity feeling inventory.
3. Presumptive stressful life event scale.
4. Occupational Aspiration.
5. Geriatricdepression Scale.

**PAPER - X (PSY - 1.2.10)****FM- 50****Objective :**

To acquaint students with methods of assessing human strains as well as limitations-

1. State-trait anxiety inventory.
2. Rosenweig's P.F. study
3. Emotional intelligence Test
4. Measurement of eating disorder
5. Case Analysis

**Readings :-**

1. Experimental Psychology by Mohsen.

