

SOLAPUR UNIVERSITY, SOLAPUR

Semester pattern Syllabus

B.A.Part III Special (PSYCHOLOGY)

(w. e. f. June 2012)

Sr No	Paper No	Title of the Paper	Marks
1	Psychology Paper No. IV	Cognitive Psychology (Semester V th 50+Semester VI th 50)	100
2	Psychology Paper No. V	Social Psychology (Semester VI th 50+Semester VII th 50)	100
3	Psychology Paper No. VI	Abnormal Psychology (Semester VI th 50+Semester VII th 50)	100
4	Psychology Paper No. VII	Psychological Testing & Assessment (Semester VI th 50+Semester VII th 50)	100
5	Psychology Paper No. VIII	Practical Semester V th Experiment 50 Semester VI th Test 50	100

PSYCHOLOGY (PAPER IV)
COGNITIVE PSYCHOLOGY

Objectives

1. To enrich students' understanding of major concepts & theoretical perspectives.
 2. To acquaint the students with the various types in cognitive processes and mental processes.
 3. To develop insight into one's own and other's behaviour.
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Semester V

UNIT 1: Introduction To Cognitive Psychology.

- 1.1. A Brief History of the study of cognition.
 - a. Structuralism.
 - b. Functionalism.
 - c. Behaviorism.
 - d. Gestalt Psychology.
 - e. The cognitive Revolution.
- 1.2. Paradigms of cognitive Psychology.
 - a. Information processing Approach.
 - b. Connectionist approach
 - c. Evolutionary Approach.
 - d. Ecological approach.

UNIT 2: Pattern Recognition.

- 2.1. Gestalt Approach of perception.
- 2.2. Bottom up process.
 - a. Template Matching.
 - b. Feature Analysis.
 - c. Prototype Matching.

- 2.3. Top down-processes
 - a. Perceptual learning
 - b. Change Blindness.
 - c. The word superiority effect.

UNIT 3: Attention:

- 3.1. Selective Attention.
 - a. Fitter theory.
 - b. Attention theory.
 - c. Late Selection theory.
 - d. Multimode theory.
 - e. Attention, capacity & Mental efforts.
 - f. Scheme theory.
- 3.2. Divided Attention.
 - a. Dual Task performance.
 - b. The attention hypotheses of Autoimmunization.
 - c. The Psychological Refractory period.

UNIT 4: Sensory Memory And Short Terms Memory:

- 4.1. Sensory Memory.
 - a. The Icon.
 - b. The Echo.
- 4.2. Short Term Memory
 - a. Capacity.
 - b. Coding
 - c. Retention duration & forgetting.
 - d. Retrieval of Information.
- 4.3. Working Memory.

Semester VI

UNIT 5: Long Term Storage:

- 5.1. Long Term Memory (Traditional view)
 - a. Capacity
 - b. Coding
 - c. Retention duration
 - d. Forgetting
 - e. Retrieval of information
- 5.2. The Reconstructive nature of memory
 - a. Autobiographical Memory
 - b. Flashbulb Memories.
 - c. Eyewitness Memory.

UNIT 6: Thinking And Problem Solving.

- 6.1. Classic Problem and General Methods.
 - a. Generate and test techniques
 - b. Mean-end analysis
 - c. Working Backward
 - d. Reasoning by Analogy
- 6.2. Blocks to problems solving
 - a. Mental set
 - b. Using incomplete or incorrect representations
 - c. Lack of problem Specific knowledge or expertise.

UNIT 7 : Reasoning

- 7.1. Types of reasoning.
 - a. Deductive Reasoning
 - b. Inductive reasoning
 - c. Every reasoning.

7.2. Patterns of reasoning performance.

- a. Effects of Premise phrasing.
- b. Attraction of premise meaning
- c. Failure to consider all possibilities.
- d. Content & believability effects.

7.3. Three approaches to the study of Reasoning.

- a. The componential approach.
- b. The rules / heuristic approach
- c. The mental models approach

UNIT 8: Psycho-Physical Methods.

8.1. Concepts in psychophysics.

8.2. Problems in psychophysics.

8.3. Method of limit.

- a. Determination of absolute threshold (RL)
- b. Determination of Differential threshold (DL)

8.4. Method of constant stimuli.

- a. Determination of absolute threshold (AL)
- b. Determination of differential threshold (DL)
- c. Two category Judgment.
- d. Three category judgment.

8.5. Method of Average Error.

NOTE:

The short notes shall be asked on each unit.

Books for Reading.

1. Galotti, Kathleen M (2007) : Cognitive Psychology : In and Out of the laboratory, 3rd Edn. New York, Books/ cole, wodswoth.
2. Kothurkar & Vanarase (1986) : Experimental Psychology : A systematic Introduction wiley Eastern Lt. (For Topic 8)

Books for References :

1. Medin, Ross, Markman (2002) Cognitive Psychology, John Wiley & Sons.
2. Hunt & Eth's (2006) Fundamental of cognitive psychology. 7th edn. Tala Mc Graw hill publication.
3. बोरुडे रा.र. (२००२) बोधनिक मानसशास्त्र छाया पब्लिशिंग हाऊस, औरंगाबाद.
4. सौ. कुसुम दामले (१९८१) प्रायोगिक मानसशास्त्र, महाराष्ट्र विद्यापीठ ग्रंथनिर्मिती मंडळासाठी साहित्य प्रसार केंद्र, नागपूर.
5. देसाई भरत आणि अभ्यंकर शोभना (२००१) प्रायोगिक मानसशास्त्र व संशोधन पध्दती नरेंद्र प्रकाशन, पुणे.

PSYCHOLOGY (Paper – V)
SOCIAL PSYCHOLOGY

Objectives:

1. To acquaint the students with basic concepts, methods in social psychology.
 2. To make students aware of the process of social perception, social cognition, attitude formation, Prejudice, Social influence.
 3. To make students understand the interpersonal attraction and nature causes and prevention of aggression.
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Semester V

UNIT 1: The Fields Of Social Psychology.

1. Social Psychology – A working definition.
 - a. Scientific nature of social psychology.
 - b. Social psychology and the behavior of individuals.
 - c. Role of social psychology in understanding the causes of social behavior and thought.
- 1.2. Research Methods in social psychology.
 - a. Systematic observation.
 - b. Correlation method.
 - c. The experimental method.
- 1.3. Applications of social psychology.

UNIT 2 : social Perception

- 2.1. Non-verbal communication – The basic channels.
- 2.2. Recognizing deception – The role of nonverbal cues.
- 2.3. Attribution – Understanding the causes of other behavior.

- a. Theories of attributions.
 - b. Attribution some basic sources of error.
- 2.4. Impression formation and impression management.
- a. Ache's research on central and peripheral traits.
 - b. A Cognitive perspective.
 - c. Impression management.

UNIT 3 : Social Cognition.

- 3.1. Schemas and Prototypes.
- a. Types of Schemas.
 - b. The impact of schemas on social cognition.
- 3.2. Heuristics and Automatic Processing.
- a. Representative ness.
 - b. Availability.
 - c. Automatic processing in social thought.
- 3.3. Potential sources of error in social cognition.
- 1. Negativity basic.
 - 2. Optimistic basic.
 - 3. Potential costs of thinking.
 - 4. Counterfactual thinking.
 - 5. Magical thinking.

UNIT 4 : Attitude.

- 4.1. What is an attitude?
- 4.2. Attitude formation.
- a. Social learning.
 - b. Genetic Factor.
 - c. Attitude functions.
- 4.3. Persuasion.
- a. The early approach of persuasion.

- b. The cognitive approach to persuasion.
- 4.4. Resistance to persuasion.
- a. Reactance.
 - b. Forewarning.
 - c. Selective avoidance.

Semester VI

UNIT 5 : Prejudice.

- 5.1. Prejudice and discrimination – Their nature and origins.
- a. Prejudice - The face of Intolerance.
 - b. Prejudice - Why it Persists?
 - c. Discrimination Prejudice in action.
- 5.2. The origin of prejudice contrasting perspective.
- a. Direct inter-group conflicts.
 - b. Early experience.
 - c. Social categorization.
 - d. Cognitive source of prejudice.
 - e. Other cognitive mechanisms in prejudice.
- 5.3. Techniques for countering its effect.
- a. Breaching the cycle of prejudice.
 - b. Direct inter-group contact.
 - c. Re-categorization.
 - d. Cognitive interventions.
 - e. Social influence.
 - f. Coping with prejudice.

UNIT 6: Social Influence.

6.1. Conformity

- a. Asch's research on confirmation.
- b. Factors afflicting conformity.
- c. The basis of conformity.
- d. Resisting pressure to conformity.
- e. Minority Influence.

6.2. Compliance.

- a. Compliance the underling principle
- b. Tactics based on friendship or liking ingratiation.
- c. Tactics based on commitment or consistency the foot in the door and the low ball.
- d. Tactics based on reciprocity – the door in the face and that Not all technique.

6.3. Extreme forms of Social Influence Obedience.

- a. Distractive Obedience.
- b. Intense indoctrination.

UNIT 7: Interpersonal Attraction.

7.1. The being of attraction.

- a. Interpersonal Attraction.
- b. The power of proximity.
- c. Positive and negative emotions.

7.2. Becoming Acquainted.

- a. The need of affiliate.
- b. The observable characterizes.

7.3. Moving toward friendship.

- a. Similarity.
- b. Mutual liking.

UNIT 8: Aggression.

- 8.1. Theoretical Perspective on aggression.
 - a. The role of biological factor.
 - b. Drive theories.
 - c. Modern theories of aggression.
- 8.2. Determinants of Aggression.
 - a. Social determinants of aggression.
 - b. Personal causes of aggression.
 - c. Situational determinates of aggression.
- 8.3. The prevention and control of aggression.
 - a. Punishment.
 - b. Catharsis.
 - c. Cognitive interventions.
 - d. Other techniques.

Note : Short notes shall be asked on each unit.

Books for Reading

1. Baron & Byrne (2003) : Social psychology 10th dn. Prentice Hall of Private Ltd. New Delhi.
2. Back W.K. (1997) : Social Psychology willy & sons inc.

Books for References.

1. Feldman :- Social Psychology Mc.Devid & Harari C.B.S. publisher.
2. तडसरे, तंबाखे, पाटील, दरेकर - सामाजिक मानसशास्त्र (२००९) फडके प्रकाशन, कोल्हापूर.
3. दाभोळे हिरवे - सामाजिक मानसशास्त्र (१९८८) फडके प्रकाशन.

PSYCHOLOGY (PAPER - VI)
ABNORMAL PSYCHOLOGY

Objectives:

1. To acquaint students with the concept of abnormality and various types of Psychological disorders.
 2. To help students to acquire the knowledge about systems, causes and treatment of various types of Psychological disorders.
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Semester V

UNIT 1 : Introduction in Abnormal Psychology.

- 1.1. What is abnormal Psychology.
 - a. Triggers of mental Health problems.
 - b. The stigma of mental behavior.
 - c. Adaptive and Maladaptive behavior.
- 1.2. Historical Background of Abnormal Psychology.
 - a. The ancient western world.
 - b. The middle Ages.
 - c. Renaissance.
 - d. The age of reason and enlightenment.
 - e. The reform movement.
- 1.3. Seeking help for Abnormal Behavior.
 - a. Reasons for clinical contacts.
 - b. The sources of help.

UNIT 2 : Theoretical Perspective of Maladaptive Behavior

- 2.1. Psychodynamic perspective.
 - a. Freud and Psychoanalysis.
 - b. Recent approaches to psychoanalysis.
- 2.2. Behavioral perspective.
 - a. Classical conditioning
 - b. Operant conditioning.
- 2.3. Cognitive perspective.
 - a. Maladaptive behavior of cognition.
 - b. Cognitive therapies.
- 2.4. Humanistic and existential perspective.
 - a. Humanistic views.
 - b. Existential views.

UNIT 3 : Stress coping and Maladaptive Behavior

- 3.1. Stress and Coping.
 - a. Coping skills
 - b. The coping process
 - c. Social Support
- 3.2. Stressful Situations and Life Transitions.
 - a. Stress – arousing situations.
 - b. Life transitions.
- 3.3. Clinical Reactions to Stress.
 - a. Adjustment disorder.
 - b. Acute stress disorder.
 - c. Dissociate disorder.

UNIT. 4 : Somatoform and Anxiety Disorder.

- 4.1. Somatoform disorder.
 - a. Pain disorder.
 - b. Somatization disorder
 - c. Conversion disorder.
 - d. Hypocondriasis.
 - e. Body Dysmorphic disorder.
- 4.2. Anxiety disorder.
 - a. Experience of anxiety.
 - b. Generalize anxiety disorder.
 - c. Panic disorder.
 - d. Phobia
 - e. OC Disorder.

Semester VI**UNIT 5: Mood Disorders**

- 5.1. Depression
 - a. Depressed mood.
 - b. Vulnerability factors for depression.
- 5.2. Depressive Disorder.
 - a. Dysthymic disorder
 - b. Major depressive disorder.
- 5.3. Treatment of Depression.
 - a. Biologically based treatment.
 - b. Psychodynamic theories.
 - c. Interpersonal psychotherapy.
 - d. The humanistic – existentialist perspective.

- e. The behavior perspective.
- f. Behavioral treatment for depression.
- g. Cognitive behavioral therapy.

5.4. Types of Bipolar Disorders.

UNIT 6 : Schizophrenia.

6.1. Schizophrenia.

- a. Positive & negative symptoms.
- b. Development of schizophrenia.
 - i. Genetic factor.
 - ii. Parental factor.
 - iii. Biochemical Brain Abnormalities.
- c. Therapeutic Approaches :- antipsychotic, drug, Psychosocial approach, family programme, community support.

6.2. Other Psychotic Disorder.

- a. Schizoaffective disorder.
- b. Delusional disorder
- c. Shared psychotic disorder.

UNIT 7: Childhood And Adolescence Disorder.

7.1. Externalizing disorder.

- a. Attention deficit / Hyperactivity disorder
 - How common is ADHD?
 - Consequences of ADHD
 - Causes
 - Treatment
- b. Oppositional Defiant disorder (ODD)
- c. Conduct disorder.

- 7.2. Internalizing disorder.
- a. Separation anxiety disorder.
 - b. Other anxiety disorder in childhood.
 - c. Treatment of anxiety disorder in children.
- 7.3. Depression & Tie disorders in childhood.

UNIT 8 : Mental Retardation

- 8.1. Criterion and levels of Mental Retardation
- a. Genetically based disorder.
 - b. Fragile – x – Syndrome.
 - c. Down Syndrome.
- 8.2. The fetal environment and mental retardation.
- a. Fetal Alcohol syndrome.
 - b. Problem during after birth.
- 8.3. Type of prevention and intervention in mental retardation.
- a. Type of prevention – primary, secondary and tertiary prevention.
 - b. Early intervention programme.
 - c. Vocational and social skill programme.
 - d. Recognition and treatment of psychological problems.
 - e. The families of Mental Retardation children's.

Note :

Short note shall be asked each unit.

Book for Reading

1. Sarason I.G. and Sarason B.R. (2005) Abnormal Psychology. The problem of Maladaptive Behavior eleventh edition. Prentice Hall of India privater limited New Delhi.

Books for Reference

1. Carson, R.C. Butcher, J.N. and Mineke, Susan (1996):"Abnormal Psychology and Modern Life", Tenth Edition, New York, Harper Collins.
2. राजहंस, पाटील व सुर्वे २००१ : " अपसामान्याचे मानसशास्त्र", उन्मेष प्रकाशन, पुणे-३०.
3. वनारसे, श्यामला १९७८ : मनोविकृती प्रवेश", महाराष्ट्र विद्यापीठ ग्रंथनिर्मिती मंडळासाठी विश्वकर्मा साहित्यालय, पुणे.
4. देशपांडे चं.ग. १९७८: "मनोविकृतीशास्त्र", महाराष्ट्र विद्यापीठ ग्रंथनिर्मिती मंडळासाठी कॉन्टिनेन्टल प्रकाशन, पुणे.
5. बडगुजर - चुडामन अपसामान्य मानसशास्त्र.

PSYCHOLOGY (Paper – VII)**PSYCHOLOGICAL TESTING AND ASSESSMENT****Objectives:**

1. To acquaint the students with the characteristics of standardized Tests.
 2. To familiarized students with various types of psychological Tests.
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Semester V**UNIT 1 : Nature And Use Of Psychological Tests**

- 1.1. Definition of Psychological Test.
- 1.2. Uses and Varieties of Psychological Tests.
- 1.3. Controlling the Use of Psychological Tests.
- 1.4. Test Administration.
- 1.5. Examiner and Situational variables.

UNIT 2 : Norms And The Meaning Of Test Scores

- 2.1. Development Norms
- 2.2. Within Group Norms.
- 2.3. Relativity of Norms.
- 2.4. Computers and the Interpretation of Test Scores.

UNIT 3 : Reliability

- 3.1. The Meaning of Reliability.
- 3.2. Types of Reliability.
- 3.3. Reliability of Speeded Test.

UNIT 4: Validity

- 4.1. The Meaning of Validity.
- 4.2. Content Description Procedures.
- 4.3. Criterion – Prediction Procedures

- a. Concurrent and predictive validation.
 - b. Criterion contamination.
 - c. Criterion measures.
- 4.4. Construct Identification procedures.
- a. Development changes.
 - b. Correlation with other test
 - c. Factor analysis
 - d. Internal consistency
 - e. Convergent and discriminate validation.

Semester VI

UNIT 5 : Individual Tests

- 5.1. Stanford – Binet Intelligence Scale.
- 5.2. The Wechsler Scales.

UNIT 6: Measuring Interests & Attitudes

6.1. Interest Inventories

- a. Nature of Interest Inventories (387-388)
- b. The Strong Interest Inventory (SII)
- c. Jackson vocational Interest Survey
- d. Kuder occupational Interest Survey
- e. Self Directed Search (SDS)

6.2. Attitude scales

- a. Thurston.
- b. Guttman,
- c. Likert.

6.3. Locus of Control.

UNIT 7: Self Report Personality Inventories

- 7.1. The Minnesota Multiphase Personality Inventories.
- 7.2. NEO Personality inventory (five factors model)
- 7.3. California Psychological Inventory, Personality Inventory for children.
- 7.4. Trait state concept.

UNIT 8: Projective Techniques

- 8.1. Nature of projective Techniques.
- 8.2. Inkblot Techniques.
- 8.3. Pictorial Techniques.
- 8.4. Verbal Techniques
- 8.5. Performance Techniques.

Note :

Short Notes shall be asked on each unit.

Books for Reading

1. Cronbach Lee. J. (1984) Essentials of Psychological Testing 4th Edition – Harper & Row Publisher.
2. Anastasi, Anne and Urbina, Susana (1997): “Psychological Testing” Seventh Edition, Prentice – Hall of India Pvt., Ltd., New Delhi (2003)

Books for References

1. Freeman, Frank S: “Theory and Practice of Psychological Testing”, Third Edition, Oxford and IBH Publishing Co. New Delhi.
2. बी.एन. बर्वे, नरके हरी - मनोमापन.

PSYCHOLOGY Paper VIII
PRACTICAL

Objectives

1. To acquaint the students with the basic procedures and design of psychological experiments.
 2. To give practical experience to the students in administering and scoring Psychological Tests and interpreting the scores.
 3. To familiarized students with the use of elementary statistical techniques.
 4. To encourage and guide the students to undertake a small scale research project.
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SEMESTER V

Experiments:

1. The Method of Limits
2. The Method of constant stimuli.
3. The Method of Average Error.
4. Reaction Time.
5. Serial Position Effect in Learning.
6. Recall and Recognition.
7. Effect of Meaningfulness of Memorization.
8. Span of Attention
9. Division of Attention.
10. Transfer to Training.
11. Habit formation.
12. Problem solving.

13. Maze Learning.
14. Localization of sound.
15. Perceptual (Size) constancy.
16. Depth Perception.
17. Concept formation (prompting method)
18. Retention as function Repetition.

- **Statistical Problems :**

Mean and Median

Semester VI

- **Psychological Test:**

1. Interest Inventory
2. Attitude Scale
3. Anxiety Sale
4. Introversion – Extraversion Personality Scale.
5. Adjustment Inventory.
6. Self concept Test
7. Aptitude Test
8. Intelligence Scale (Performance Types)
9. NEO Personality Inventory.
10. Mechanical Reasoning.
11. Emotional Maturity Test.
12. Test of Perceptual grouping.
13. Short term memory.
14. Long Term Memory.
15. Prejudice Scale.
16. Temperament scale.
17. Value Scale.

18. Religiosity Scale.

Statistical Problems:

1. Standard Deviation (SD)
2. Rank Difference Correlation.

Field Work :

The Candidate has to carryout field work (i.e. to collect small empirical data) on specified problem / topic after consulting the teacher and submit its report.

Books for Reading

1. Munn "Experiments Psychology Journal"
2. Garrette, Henry, E and Woodworth R.S. (1981): "Statistics in Psychology and Education", Tenth Edition Reprint, Vakils, Feffer and Siman Ltd., Bombay.
3. Anastasi, Anne and Urbina Susana, (1997): "Psychological Testing", Seventh Editions, Prentice Hall of India Pvt. Ltd., New Delhi.
4. Gallotti, K.M. (1999) "Cognitive Psychology In and Out of Laboratory", Second Edition. New York, Books / Cole, Wadsorth 3rd (Reprint,2004)
5. Kothurkar, and Vanarse (1986) : "Experimental Psychology : A Systematic Introduction", Wiley Eastern Ltd.
6. Sarason, I.G. and Sarason B.R. (2000)", Abnormal Psychology: The Problem of Maladaptive Behavior", Eight Edition, Prentic Hall of India Pvt. Ltd., New Delhi.
7. बोरुडे रा.र. (२००२): "बोधनिक मानसशास्त्र", छाया पब्लिशिंग हाऊस, औरंगाबाद.
८. दामले, कुसूम (१९८१): "प्रायोगिक मानसशास्त्र", महाराष्ट्र विद्यापीठ ग्रंथनिर्मिती मंडळासाठी साहित्य प्रसार केंद्र, नागपूर.
९. देसाई, भरत आणि अभ्यंकर, शोभना (२००१) "प्रायोगिक मानसशास्त्र आणि संशोधन पध्दती", नरेंद्र प्रकाशन पुणे.

Note :

1. There shall be two practical of 4 periods each per week per batch consisting of 10 student. (Total 8 periods per week per batch)
2. Eight experiments should be conducted form the list given in Semester Vth. Eight test should be administered format the list given in Semester VIth.
3. The student has to submit a journal duly signed by course teacher and head of the department appearing Semester Vth practical examination and journal and field work report duly signed by course teacher and head of the department appearing for Semester VIth Practical examination.
4. During the semester Vth and Semester VIth student should visit any social or industrial organization such as Remand Home , Mental Hospital, Industry, Rehabilitation Centre etc.,

Practical Exam.

1. The final practical examination of Semester Vth and VIth held at the end of the academic year.
2. Practical examination shall consist of two semester. (Semester Vth & Semester VIth) of three hours duration each semester examination will be of 50 marks. Semester examination incorporates experiments, Tests, statistical problems and field work.
3. Experiment and statistical problems for Semester should be set for Semester Vth. He/She has to conduct one Expt. allotted to him/her and solve on statistical problem for semester Vth. Test and statistical problem for semester should be set for semester VIth. He/She has to administer one test allotted to him/her and solve one statistical problem for semester VIth.
4. The scheme of marking for the Practical Examination.

Semester V**Experiments**

	Marks
1. Journal	10
2. Conduct/Instruction	10
3. Report Writing	10
4. Statistical Problem	10
5. Oral (Expt.)	10

Total	50

Semester VI**Tests**

	Marks
1. Journal	10
2. Conduct and Instruction	05
3. Report Writing	10
4. Statistical Problem	10
5. Oral (Test)	05
6. Field Report / Viva	10

Total	50

4. The Nature of Question Paper for the Practical Semester Examination.

Que. No.1 The candidate will be asked to conduct one experiment or administer one test allotted to him/her and to write its full report.

Que.No.2 The candidate in a practical batch will have to solve one statistical problem.

As a different statistical problem has to be set, separate question paper will be set for each batch of each practical semester examination.