

Scheme of Examination and Syllabi for M.A. Psychology under Choice Based Credit system  
w. e. f. 2016-17.

**(Only in the University Teaching Departments)**

Scheme of Examination

The M. A. Psychology course will be of FOUR semesters. In each semester there shall be four theory papers of 100 marks each (80 external + 20 internal) with 4 credits for each paper and one practical paper of 150 marks (Practical (i) 100 marks + (ii) Profiling of Equipments 50 marks) with 6 credits (4 credits + 2 credits).

Every student has to qualify 92 credits (including 4 credits for 2 open elective, i.e. 2 credits each in Semester-II and Semester-III) out of 124 credits as necessary to pass and earn the degree under the Choice Based Credit system. A student will opt for any of the two open elective papers in the faculty of Social Sciences in Semester –II and Semester -III. The choice of open elective paper is subject to the availability of teaching faculty in the department.

The semester-wise papers are detailed as under:

**M.A. (Semester-I) Psychology**

The 1<sup>st</sup> Semester of M.A. Psychology would have following five papers (4 Theory + 1 Practical), all the papers are compulsory (C).

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme		
			L	T	T	Internal Assessment	Total
Psy101(C)	Systems and Theories	4	4	½ hrs.	80	20	100
Psy102( C)	Experimental Psychology	4	4	½ hrs.	80	20	100
Psy103 (C )	Social Psychology (i)	4	4	½ hrs.	80	20	100
Psy104 (C)	Research Methods & Statistics (i)	4	4	½ hrs.	80	20	100
Psy105 (C )(i)	Practical	4	3 × 12 = 36	-	100	-	100
Psy105(C)(ii)	Profiling Equipments of	2		-	50	-	50

### M.A. (Semester-II) Psychology

The 2<sup>nd</sup> Semester of M.A. Psychology would have following five papers (4 Theory + 1 Practical), all the papers are compulsory (C).

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme		
			L	T	T	Internal Assessment	Total
Psy201(C)	Physiological Psychology	4	4	½ hrs.	80	20	100
Psy202( C )	Cognitive Psychology	4	4	½ hrs.	80	20	100
Psy203 ( C )	Social Psychology	4	4	½ hrs.	80	20	100
Psy204 (C)	Research Methods & Statistics (ii)	4	4	½ hrs.	80	20	100
Psy205 (C )(i)	Practical	4	3 × 12= 36	-	100	-	100
Psy205(C) (ii)	Profiling of Equipments	2		-	50	-	50
OESS	Candidate is required to take one open elective paper other than Psychology from the common list of papers of Social Sciences (Syllabus enclosed in the end).	2	2	-	-	-	50

### M.A. (Semester-III) Psychology

The 3rd Semester of M.A. Psychology would have four theory papers and one practical paper, all the theory papers are optional (E) and practical paper is compulsory (C). The students may opt for any four of the eight theory optional papers. However, the paper(s) to be floated in any particular year would be decided by the Chairperson of the Department keeping in view the available resources.

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme		
			L	T	T	Internal Assessment	Total
Psy301(E)	Psychopathology						
Psy302( E)	Intelligence	4	4	½ hrs.	80	20	100
Psy303 (E )	Industrial-Organizational Psychology (i)	4	4	½ hrs.	80	20	100
Psy304 (E)	Principles and Applications of Guidance	4	4	½ hrs.	80	20	100
Psy305 (E )	Human Development	4	4	½ hrs.	80	20	100
Psy306(E)	Psychometrics (i)	4	4	½ hrs.	80	20	100
Psy307(E)	Personality (i)	4	4	½ hrs.	80	20	100
Psy308(E)	Fundamentals of Military Psychology	4	4	½ hrs.	80	20	100
Psy309(C) (i)	Practical	4	6hrs/	-	100	-	100
Psy309(C) (ii)	Profiling of Instruments	2	per Group per paper	-	50	-	50
OESS	Candidate is required to take one open elective paper, other than Psychology from the common list of Papers of Social Sciences of the same subject as taken in Semester-II (Syllabus	2	2	-	-	-	50

	enclosed in the end).						
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### M.A. (Semester-IV) Psychology

The 4th Semester of M.A. Psychology would have four theory papers and one practical paper. The theory papers would be corresponding to papers opted in Semester-III, the paper of practical is compulsory.

Paper No.	Nomenclature	No. of Credit	Teaching Scheme		Exam. Scheme		
			L	T	T	Internal Assessment	Total
Psy401(E)	Clinical Psychology						
Psy402( E)	Creativity	4	4	½ hrs.	80	20	100
Psy403 (E )	Industrial Organizational Psychology (ii)	4	4	½ hrs.	80	20	100
Psy404 (E)	Principles and Applications of Guidance	4	4	½ hrs.	80	20	100
Psy405 (E )	Life Span Human Development	4	4	½ hrs.	80	20	100
Psy406(E)	Psychometrics (ii)	4	4	½ hrs.	80	20	100
Psy407(E)	Personality (ii)	4	4	½ hrs.	80	20	100
Psy408(E)	Advanced Military Psychology	4	4	½ hrs.	80	20	100
Psy409(C) (i)	Practical	4	6hrs/	-	100	-	100
Psy409(C)(ii)	Profiling Instruments of	2	per Group per paper	-	50	-	50

## Syllabi for M.A. Psychology (w.e.f. 2016-17)

M.A. (Semester-I)

Max. Marks: 80+20

Paper: Psy101(C) - SYSTEMS AND THEORIES

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

### Objectives:

- (i) To acquaint the students with historical background and scope of Psychology along with the contribution of eminent Psychologists.
- (ii) To provide insight into various schools, systems and theories of psychology.

### UNIT-I

Psychology as Science, current status. Nature and characteristics of systems, theories. Schools: Associationism- British empiricism, S-R relationship, tenets. Structuralism- Contribution of Wundt and Titchener, methodology, tenets.

### UNIT-II

Functionalism- Antecedents, pioneers, tenets.  
Behaviourism: Antecedents and foundation, methodology, tenets.  
Gestalt Psychology: Antecedents and foundation, empirical work, tenets.

### UNIT-III

Psychoanalysis: Antecedents and foundation, basic concepts, tenets.  
Individual Psychology: Basic concepts and contribution.  
Analytic Psychology: Basic concepts and Contribution.

### UNIT-IV

Field theory: Lewin's life space- basic concepts and contribution; Tolman's purposive behaviourism- basic concepts and contribution.  
S-R Theory: Hullian system and contribution; Skinnerian positivism; Guthrie's associationism.

### Recommended Books:

Chaplin T. & Krawiec T.S. (1979). Systems and Theories of Psychology. NY: Thompson Learning.  
Wolman, B.B. (1995). Contemporary Theories and Systems in Psychology. Delhi: Freeman.  
Marx, M.H. & Hillix, W.A. (1978). Systems and Theories in Psychology. New Delhi: Tata McGraw-Hill.

M.A. (Semester-I)

Max. Marks: 80+20

Paper: Psy102(C) - EXPERIMENTAL PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives:

- (i) To develop understanding of important Psychological Processes.
- (ii) To develop insight into experiment based knowledge and basic nature of these processes.

#### UNIT-I

Experimental Psychology: Nature, Historical background, contribution of Weber, Fechner, Wundt, Galton.

Sensory Processes: Visual and Auditory - structure and functions of eye and ear.

#### UNIT-II

Perception: Nature, Perception of Form, Space, Movement, and Time.

Perceptual constancy, Illusion, Subliminal Perception

#### UNIT-III

Psychophysics: Problems and Methods of Classical Psychophysics.

Signal Detection Theory: Basic Concepts, Assumptions, Psychophysical Procedures and applications.

#### UNIT-IV

Learning: Nature, Cognitive Learning, Classical Conditioning- Phenomena, Process and Theories, Instrumental Conditioning- Appetitive and Aversive. Discrimination Learning: Phenomena and paradigms.

Recommended Books:

D' Amato, M.R. (1970). Experimental Psychology. New Delhi: Tata McGraw-Hill.

Flaherty, C.F. , Hamilton, L.W., Gandelman, R.J., & Spear, N.E. (1977). Learning and Memory. Chicago: Rand McNally.

Goldstein, E.R. (2007). Psychology of Sensation and Perception. New Delhi: Cengage Learning.

Guilford, J.P. (1954). Psychometric methods (2<sup>nd</sup> ed.). New Delhi: McGraw-Hill.

Kling, J.W. & Riggs, L.A. (1971). Woodworth and Schlosberg's Experimental Psychology. London: Methuen & Co.

Mazur (1989). Learning and Behaviour. New Delhi: Prentice Hall of India.

Sehiffman, H.R. (1982). Sensation and Perception: An Integrated Approach. New York: John Wiley & Sons.

Snodgrass, J.G., Berger, G.L., & Haydon, M. (1985). Human Experimental Psychology. New York: Oxford.

M.A. (Semester-I)

Max. Marks: 80+20

Paper: Psy103(C) - SOCIAL PSYCHOLOGY (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives:

- (i) To acquaint the students with the historical development and scope of Social Psychology.
- (ii) To develop insight into the phenomenon of socialization process, social cognition, relevance of attitudes and their formation.

#### UNIT-I

Social Psychology: Nature, Historical background, Scope and New Perspectives.      Methods:  
Experimental, Observation, and Content analysis.

#### UNIT-II

Socialization: Nature, Process, Theories - Psychoanalytic, Cognitive Development, Social learning, and Ethological.      The Self:  
Development of self, self-concept and self-esteem.

#### UNIT-III

Social Perception: Verbal and Nonverbal communication, Attribution process, Impression formation.      Social  
Cognition: Social Inference, Emotional and Motivational biases, Schemas and Heuristics.

#### UNIT-IV

Attitude: Nature, Formation, Change and Consistency, and Measurement.      Prejudice  
and Discrimination: Nature, Sources, Combating prejudice.

Recommended Books:

Baron, R.A. & Byrne, D. (2003). Social Psychology: Understanding Human Interaction (6<sup>th</sup> Ed.). New Delhi: Prentice-Hall of India.

Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.

Daniel, P. & Cozby, P.C. (1983). Social Psychology. NY: Holt, Rinehart and Winston.

Lindzey, L., & Aronson, E. (1975). The Handbook of Social Psychology (2<sup>nd</sup> Edn.), Vol. IV & V. New Delhi: Amerind Publishing Co.

Mathur, S.S (2004). Social Psychology. Agra: Vinod Pustak Mandir.

Penrod, S. (1986). Social Psychology (2<sup>nd</sup> Ed.) New Jersey: Prentice Hall, Englewood Cliffs.

Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12<sup>th</sup> Ed.). New Delhi: Pearson Education.



M.A. (Semester-I)

Max. Marks: 80+20

Paper: Psy104(C) - RESEARCH METHODS AND STATISTICS (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

Objectives:

- (i) To acquaint the students with the scientific nature of Psychological research.
- (ii) To develop insight into process of research, various research strategies and statistical treatment of obtained data.

#### UNIT-I

Psychological Research: Nature, Characteristics, Univariate vs. Multivariate approach, Problem, Hypothesis, Variables - Types, Control of relevant variables.

#### UNIT-II

Types of Research: Experimental, Ex Post facto, Field studies, and Correlational.

#### UNIT-III

Normal Probability Curve: Characteristics, Applications.

Hypothesis testing: Chi-square and t-test, significance of Mean Difference.

Correlation: Concept, Product-moment and Rank difference methods.

#### UNIT-IV

Other methods of correlation: Biserial, Point biserial, and Tetrachoric.

Partial correlation (first order), Multiple Correlation (three variables).

Recommended Books:

Garrett, H.E. (1981). *Statistics in Psychology and Education*. Bombay: Vakils.

Guilford, J.P. (1981). *Fundamental Statistics in Psychology and Education (6<sup>th</sup> Ed.)*. New Delhi: McGraw Hill.

Kerlinger, F.N. (1973). *Foundation of Behavioural Research*. New York: Holt Rinehart and Winston.

McGuigan, F.J. (1983). *Experimental Psychology: Methods of Research (4<sup>th</sup> Ed.)*. New Jersey: Prentice Hall.

Shaughnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: McGraw Hill.

Singh, A.K. (1986). *Tests, Measurements and Research Methods in Behavioural Sciences*. New Delhi: Tata McGraw Hill.

M.A. (Semester-I)

Max. Marks: 100

Paper-: Psy105(C)(i) - PRACTICAL

Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce.

Objectives:

- (i) To familiarize the students with designing and conducting experiments on basic phenomenon.
  - (ii) To acquaint the students with various kind of apparatus and other measuring instruments.
1. Retinal Colour Zones.
  2. Emert's law.
  3. Figural after effect.
  4. Perceptual constancy.
  5. Phi-phenomenon.
  6. Perception of time.
  7. Autokinetic movement.
  8. Experiment of classical conditioning.
  9. Depth perception.
  10. Weber's law.
  11. SDT.
  12. Muller Lyre illusion.
  13. Relative effectiveness of any two methods of learning.
  14. Serial position effect.
  15. Incidental v/s intentional learning.
  16. Discrimination learning.

Paper: Psy105(C)(ii) - PROFILING OF EQUIPMENTS

Max. Marks: 50

Time: 1 Hour

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper-V (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.

M.A. (Semester-II)

Max. Marks: 80+20

Paper: Psy201(C) - Physiological Psychology

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To make the students understand basic nature of physiological mechanisms.  
(iii) To enhance the understanding into physiological basis of human behavior.

#### UNIT I

Introduction: Nature and Scope. Methods of Study: Ablation and Lesion, Recording Electrical Activity of Brain. Brain Stimulation-Electrical and Chemical. Imaging Techniques.

#### UNIT II

Neuron: Structure, types and functions. Conduction of Nerve impulse and synaptic transmission. Structure and Functions of Central Nervous System, Peripheral Nervous System-Peripheral Somatic and Autonomic Nervous System, Endocrine System.

#### UNIT III

Motivation: Peripheral and Central mechanisms of Hunger, Thirst and sex.

Emotions: Central and Peripheral physiological correlates. Theories of Emotion: James-Lange, Cannon-Bard, and Papez-MacLean.

#### UNIT IV

Electrophysiological mechanisms associated with Learning and Memory. Sleep, Arousal and Dreaming: Nature, stages of sleep, Brain mechanisms of sleep and dreaming. Neural basis of arousal and attention.

Recommended Books:

Bannett, T.L. (1977). Brain and Behaviour. California: Brooks/Cole.

Leukel, F. (1985). Introduction to Physiological Psychology. New Delhi: CBS Publishers.

Levinthal, C.F. (1990). Introduction to Physiological Psychology (3<sup>rd</sup> Ed.). New Delhi: PHI.

Morgan, T.H. & Stellar, A. (1965). Physiological Psychology. New York: McGraw Hill.

Pinel, J.P.J. (2007). Biopsychology. New Delhi: Pearson.

Plutchik, R. (1980). Emotion: A Psychoevolutionary Synthesis. New York: Harper and Row.

Rosenzweig M.R. & Leiman, A.L. (1989). Physiological Psychology. New York: Random House.

Thompson, R.F. (1982). Introduction to Physiological Psychology. New York: Harper and Row.

M.A. (Semester-II)

Max. Marks: 80+20

Paper: Psy202(C) - COGNITIVE PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To make the student understand about basic cognitive processes and how they take place.

(ii) To make the students acquainted with current trends in the field of cognitive psychology.

#### UNIT-I

Cognitive Psychology: Historical background, Scope, Approaches- Top-down, Bottom-up, and Information processing, Methods of study-Behavioural and Physiological.

#### UNIT-II

Attention: Nature, Capacity and Information Processing. Selective attention: Nature, Models-Filter and Attenuation. Divided Attention. Pattern Recognition: Template Matching, and Feature Analysis.

#### UNIT-III

Memory: Process, Models- Atkinson and Shiffrin, Level of Processing, and Parallel Distributed Processing Model. Autobiographical Memory. Eye-witness Testimony. Mnemonics.

#### UNIT-IV

Language: Properties, Structure and Processes of Language Acquisition. Thinking and Problem Solving: Well defined and ill defined problems, Blocks and Aids in problem solving. Reasoning: Types and Approaches.

#### **Recommended Books:**

Eysenck, M.W., & Keane, M.P (2000). Cognitive Psychology: A students guide, Psychology Press.

Galotti, K.M. (2000), Cognitive Psychology in and out of the Laboratory. Delhi: Thomson.

Kellogg, R.T. (2012). Fundamentals of Cognitive Psychology. Lab Angles: Sage.

Matlin, M.W. (2008), Cognitive. New York: Wiley.

Solso, R.L. (2001). Cognitive Psychology. Delhi: Pearson Education.

Sternberg, R.J. (2007). Cognitive Psychology. Delhi: Thomson.

M.A. (Semester-II)

Max. Marks: 80+20

Paper: Psy203(C) - SOCIAL PSYCHOLOGY (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To acquaint the students with the behaviors of group and interpersonal importance.

(ii) To develop understanding into the dynamics of leadership and pro-social behavior.

#### UNIT-I

Group Dynamics: Structure, Functions and Classification of Groups, Group cohesiveness and Effectiveness. Group Norms: Formation, Conformity, Social roles, and Role conflict.

#### UNIT-II

Leadership: Nature, Styles, Theories: Trait, Contingency, Zeitgeist, and Path goal; Leader-follower relations. Social Influence: Conformity, Compliance, and Obedience.

#### UNIT-III

Interpersonal Relationship: Affiliation, Interpersonal Attraction and their determinants.

Interpersonal Influence: Social power-kind and determinants; high-status, peer and low-status influencers.

#### UNIT-IV

Prosocial Behaviour: Helping, determinants of helping behaviour. Altruism: Stages of Development and Personality dispositions. Anti Social Behaviour: Aggression and violence-Causes and Prevention.

#### **Recommended Books:**

Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.

Lindzey, L. & Aronson, E. (1975). The Handbook of Social Psychology (2<sup>nd</sup> Ed.), Vol. II, III & IV. New Delhi: Amerind Publishing Co. Pvt. Ltd., New Delhi.

Mathur, S.S. (2004). Social Psychology. Agra: Vinod Pustak Mandir.

Myers, D.G. (2006). Social Psychology (8<sup>th</sup> Edn.)-Tata McGraw Hill International Editions.

Penrod, S. (1986). Social Psychology (2<sup>nd</sup> Edn.) New Jersey: Prentice Hall, Englewood Cliffs.

Perlman, D. & Cozby, P.C. (1983). Social Psychology, New York: CBS College Publishing Holt, Rinehart and Winston.

Taylor, S.E. Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12<sup>th</sup> Ed.). New Delhi: Pearson Education.

M.A. (Semester-II)

Max. Marks: 80+20

Paper: Psy204(C) - RESEARCH METHODS AND STATISTICS (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

Objectives: (i) To acquaint the students with various types of research designs and the techniques of data collection.

(ii) To provide understanding into various parametric and non-parametric statistics.

#### UNIT-I

Research Design: Criteria and Principles, Between Groups and Within Groups Designs: Single factor and Factorial. Quasi-experimental designs: Non equivalent comparison groups and Time series designs.

#### UNIT-II

Sampling: Basic Principles, Probability and Non-Probability sampling techniques.

Data Collection Techniques: Case Study, Observation, Interview, Questionnaire.

#### UNIT-III

Analysis of Variance: Basic Concepts, One way ANOVA (Separate and Repeated measures), Two-way ANOVA (Separate groups), Analysis of Trends.

Regression Prediction (bivariate).

#### UNIT-IV

Nonparametric statistics: Sign Test, Wilcoxon Signed Ranks Test, Mann-Whitney U-Test, Median Test, Kendall Coefficient of Concordance.

#### **Recommended Books:**

Anastasi, A. (1980). *Psychological Testing*. London: McMillan.

Broota, K.D. (1989). *Experimental Design in Behavioural Research*. New Delhi: Wiley Eastern.

Kerlinger, F.N. (1973). *Foundation of Behavioural Research*. New York: Holt Rinehart and Winston.

McGuigan, F.J. (1983). *Experimental Psychology: Methods of research (4<sup>th</sup> Ed.)*. New Jersey: Prentice Hall.

Shaughnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: McGraw Hill.

Siegel, S. & Castellan, N.J. (1988). *Nonparametric statistics for the behavioural sciences*. Kogakusha: McGraw Hill.

Singh, A.K. (1986). *Tests, measurements and research methods in behavioural sciences*. New Delhi: Tata McGraw Hill.

Winer, B.J. (1971). *Statistical principles and experimental design*. Kogakusha: McGraw Hill.

M.A. (Semester-II)

Max. Marks: 100

Paper: Psy205(C)(i) - PRACTICAL

Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce.

Objectives: (i) To familiarize the students with designing and conducting experiments on basic phenomenon.

(ii) To acquaint the students with various kind of apparatus and other measuring instruments.

1. Study of STM.
2. Retroactive inhibition.
3. Schedule of reinforcement (instrumental conditioning).
4. Choice reaction time.
5. Selective listening
6. Reminiscence
7. Comparison of any two methods of memory
8. Problem solving.
9. Set in thinking.
10. Creativity test.
11. Concept formation
12. Galvanic skin response.
13. Study of emotions (Facial expression).
14. Zeigarnic effect.
15. Measurement of motives.
16. Projective test of personality.

Paper: Psy205(C)(ii) - PROFILING OF EQUIPMENTS

Max. Marks: 50

Time: 1 Hour

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper- Psy.205(C) (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To develop understanding into basic nature of Psychopathology and its classification.

(ii) To acquaint the students with different kinds of mental disorders and to understand their clinical picture and aetiology.

#### UNIT-I

Psychopathology: Meaning, Criteria, Theoretical Approaches–Biological, Psychodynamic, Behavioural, Cognitive, and Sociocultural. Classification of Abnormal Behaviour: Meaning, Purpose. Classification Systems – DSM and ICD.

#### UNIT-II

Clinical Patterns, Symptoms, and causes of Anxiety-Based Disorders: GAD, Panic Disorder, Phobia, OCD, Conversion Disorder, Dissociative disorders, Post traumatic Stress Disorder.

#### UNIT-III

Clinical Patterns, Symptoms and causes: Schizophrenia, Delusional Disorders, Mood Disorders, Organic Mental Disorders. Substance related Disorder - Alcoholism.

#### UNIT-IV

Clinical Patterns, symptoms, and causes of Psychophysiological Disorders: CHD, Hypertension, Asthma, Peptic Ulcer. Sexual and Gender Identity Disorders. Childhood Disorders: Mental Retardation, Disruptive Behaviour Disorders, Anxiety Disorders.

#### **Recommended Books:**

Adams, H.E. & Sutker, P.B. (2001). Comprehensive Handbook Of Psychopathology. NY: Kluwer Academic.

APA's (1996). Diagnostic and Statistical Manual-IV<sup>TR</sup>. New Delhi: Jaypee Brothers.

Carson, R.C., Butcher, T.N., & Susan, M.(2001). Abnormal Psychology and Modern Life (11<sup>th</sup> Ed.). New York: Harper Collins.

ICD-10. Casebook: The many faces of mental disorders. New Delhi: Jaypee.

Hales, R.E., Yudofsky, S.C. & Talbott, J.A. (1999). Textbook of Psychiatry Vol. I & II. Washington: American Psychiatric Press.

Irwin, B.W. (1976). Clinical Methods in Psychology. NY: Willey Interscience.

Kaplan, H.I. & Sedock, B.J. (1983) Modern Synopsis of Psychiatry. Baltimore: Williams and Witkins.

Kolb. L.C. & Brodie, H.K.H. (1982). Modern Clinical Psychiatry. (10<sup>th</sup> Ed.). London: Saunders.



M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy302(E) - INTELLIGENCE

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To develop insight into the historical developments in the area of human intelligence, understanding its nature and importance.

(ii) To provide understanding of various conceptualizations and measurement of intelligence.

#### UNIT-I

Intelligence: Nature, Historical views, Neurological Foundation, Genetic Basis, Environmental Influences. Racial and Gender differences.

#### UNIT-II

Theories: Spearman, Thurstone, Guilford, Cattell, Horn, Carroll.

#### UNIT-III

Theories: Jensen, Doss, Eysenck, Sternberg, Gardner, Emotional Intelligence.

#### UNIT-IV

Measurement of Intelligence: Issues and approaches- Psychometric Tests, Biological measures- Brain size volume, EEG and Related measures, Reaction Time.

#### **Recommended Books:**

Anastasi, A. (1988). Psychological testing (6thEd.). New York: McMillan.

Cattell, R.B. (1987). Intelligence: Its Structure, Growth, and Action. North Holland: Amsterdam.

Eysenck, H.J. (1982). A Model for Intelligence. New York: Springer-Verlag.

Guilford, J.P. (1967). The nature of Human Intelligence. New York: McGraw Hill.

Sternberg, R.J. (1982). Advances in the Psychology of Human Intelligence (Vol.1.).NJ: Erlbaum.

Sternberg, R.J. (2003). Handbook of Human Intelligence. London: Cambridge University Press.

Sternberg, R.J. (1990). Metaphors of Mind: Conceptions of the Nature of Intelligence. London: Cambridge University Press.

Sternberg, R.J. & Berg, C.A. (1992). Intellectual Development. London: Cambridge University Press.

Sternberg, R.J. & Grigorenko, E. (1997). Intelligence, Heredity, and Environment. London: Cambridge University Press.

Wolman, B.B. (1985). Handbook of Intelligence: Theories, Measurements and Applications. New York: John Wiley & Sons.

M.A. (Semester-III)

Max. Marks: 80+20

PAPER: Psy303(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (I) Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To acquaint the students with various psychological phenomenon applicable to industrial and organization setting.

(ii) To provide information regarding various job/work related behavior and attitudes.

#### UNIT-I

Introduction: Nature, historical background, fields, and contemporary challenges.

Behaviour in organizations: Consistency vs. individual differences; classical, contingency, and X-Y theory.

#### UNIT-II

Job analysis: Objectives, methods; Job evaluation: Importance, methods. Personnel selection:

Setting personnel specifications and criteria, methods of assessment.

Personnel training: Principles, types, methods, evaluation of training effectiveness.

#### UNIT-III

Job and work environment: Human factors in job design, job enrichment; work environment, Hawthorne studies. Accidents and safety.

Human performance: Time and motion studies, principles of performance, performance evaluation and appraisal.

#### UNIT-IV

Work related attitudes: Job satisfaction- antecedents and consequences; organisational commitment- types, antecedents and consequences; burnout, turnover and absenteeism. Work motivation: Basic concepts, motivational practices and incentives, Theories- Two-factor, ERG, Equity.

#### Recommended Books:

Blum, M. L. & Naylor, J. C. (1984). Industrial Psychology: Its theoretical and social foundations. New Delhi: CBS Publishers.

Colquitt, J.A., LePine, J.A., & Wesson, M.J. (2011). Organizational Behaviour. New Delhi: Tata McGraw Hill.

Gosh, P.K. & Gorpande, M.B. (1986). Industrial Psychology. New Delhi: Himalaya Publication.

Luthans, F. (2006). Organizational Behaviour (11<sup>th</sup> Ed.). N.Y.: McGraw Hill.

McMormik, E.J. & Ilgen (1980). Industrial and organizational Psychology (8<sup>th</sup> Ed.). N.J.: Prentice Hall.

Miner, J.B. (1991). Industrial-Organizational Psychology. N.Y.: McGraw Hill.

Mohanty, G. (1990). Industrial and Organizational Psychology. New Delhi: Oxford and IBH.

M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy304(E) - PRINCIPLES AND APPLICATIONS OF GUIDANCE

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To update knowledge of need, importance and applications of guidance.

(ii) To acquaint the students with various techniques of assessment and to develop their skills into various kinds of guidance.

#### UNIT-I

Guidance: Basic concepts, need, areas, fundamental objectives and principles.

Guidance Services: Individual analysis, counselling, occupational and educational information, placement and follow up. Role of teachers in school guidance; organizing a guidance programme.

#### UNIT-II

Assessment in guidance: Nature, need, psychological tests: Characteristics, types; Intelligence tests, personality inventories, basic and special aptitude tests, interest inventories, and achievement tests. School testing programme, case history, and guidance folder.

#### UNIT-III

Group guidance: Meaning, objectives, process, and techniques of group guidance. Vocational guidance: Meaning; need, process, theories of vocational choice: trait, factor, developmental, personality, sociological, and economic.

#### UNIT-IV

Educational guidance: Meaning, need, objectives, and functions. Guidance for gifted and slow learners. Personal guidance: Meaning, objectives and process.

Guidance personnel: Roles, functions, skills, and training.

#### **Recommended Books:**

Anastasi, A. & Urbina, S. (1997). Psychological Testing. New York: McMillan.

Bernard, H.W. & Fullmer, D.W. (1977). Principles of Guidance. New York: Crowell.

Crow, L.D. & Crow, A.V.B. (1961). Introduction to Guidance: Basic Principles and Practices. New Delhi: Eurasia.

Gupta, S.K. (1985). Guidance and Counselling. Delhi: Mittal.

Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.

Pietrofesa, J.J. (1980). Guidance: An Introduction. Chicago: Rand McNally.

M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy305(E) - LIFE SPAN HUMAN DEVELOPMENT (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To provide insight into development process of human beings and influences of genetic and environmental factors.

(ii) To understand developmental trends in human behavior from prenatal to middle childhood.

#### UNIT-I

Human Development: Nature, theories- psychoanalytic, behaviouristic, social learning, and sociocultural.

Genetic and environmental foundations of development, heredity-environment relationship, and cultural influences.

#### UNIT-II

Methods of study: Systematic observation, interview, and case study; longitudinal and cross-sectional designs.

Biological, cognitive, and socioemotional processes; periods of development and other developmental issues.

#### UNIT-III

Prenatal development: How life begins, major periods in prenatal development, prenatal environmental influences, maternal factors.

Postnatal development: Adjustment to postnatal life, birth process, complications, and postpartum period.

#### UNIT-IV

Physical development: course of physical growth, development of brain, factors affecting physical growth.

Motor development: development in early and middle childhood, hormonal influences and sex differences in motor development. Perceptual development.

#### **Recommended Books:**

Berk, L.E. (2003). Child Development. New Delhi: Pearson Education.

Crain, W. (1980). Theories of Development. New Jersey: Prentice Hall.

Hetherington M.E. & Parke, R.D. (1993). Child Psychology: A Contemporary View Point. New York: Mc Graw-Hill.

Hurlock, E.B. (1997). Child Development. New Delhi: Tata Mc Graw-Hill.

Santrock, J.W. (2011). Life Span Development. New Delhi: Tata Mc Graw-Hill.

Shaffer, D.R. (1993). Developmental Psychology: Childhood and Adolescence. NY: Brooks/Cole.

Srivastava, A. K. (1998). Child Development: An Indian Perspective: New Delhi: NCERT.

M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy306(E) - PSYCHOMETRICS (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objective(s): (i) To acquaint the students with principles of measurement in psychology and to understand the psychophysical theory.  
(ii) To develop insight into various scaling techniques and the theory of test scores.

#### UNIT-I

Psychological measurement: Nature, General theory, and Levels of measurement.

Modern Psychophysical Theory: Law of comparative judgment, Steven's power law, and Signal detection theory.

#### UNIT-II

Psychological scaling: Nature, Methods – Pair comparisons, Rank order, Equal appearing interval, Fractionation. Multidimensional scaling: Methods and Applications.

#### UNIT-III

Psychological Tests: Nature, Characteristics, Types of test scores, Theory of test scores, Speed and power problems. Theory of measurement error: Domain sampling model, Model of parallel tests.

#### UNIT-IV

Reliability: Meaning, Classical test theory, Methods of estimate, Reliability of speed tests, Sources of unreliability.

Validity: Meaning, Current views, Validation procedures, Factors affecting validity.

#### **Recommended Books:**

Anastasi, A. (1988). Psychological Testing (6thEd.). New York: McMillan.

Guilford, J.P. (1954) Psychometric Methods (2<sup>nd</sup> Ed.) New York: McGraw-Hill.

Gulliksen, H. (1950). The Theory of Mental Tests. NY: John Wiley.

Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.

Nunnally, J. (1978). Psychometrics Theory (2<sup>nd</sup> Ed.). New York: McGraw-Hill.

Singh, A.K. (1986). Tests, Measurements and Research Methods in Behavioural Sciences. New Delhi: Tata McGraw-Hill.

M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy307(E) - PERSONALITY (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objective(s): (i) To develop insight in the basic nature of human personality and factors in its development.

(ii) To provide understanding of various theoretical conceptualizations about Personality.

#### UNIT- I

Introduction: Nature, Conceptual History; Nomothetic and Ideographic approaches; Basic Assumptions about human nature.

Genetic and environmental determinants of personality.

#### UNIT- II

Personality theory: Nature, components, criteria for theory.

Psychoanalytic Theories: Sigmund Freud, Alfred Adler, Carl Jung.

#### UNIT- III

Psychoanalytic Theories-Neo Freudian: Erik Erikson, Erich Fromm, and Karen Horney.

Henry Murray's Personology.

#### UNIT-IV

Phenomenological Perspective: Carl Rogers, Abraham Maslow's Humanism, George Kelly's Personal Constructs.

Albert Bandura's Social Cognitive perspective.

#### **Recommended Books:**

Baughman, E.E. (1972). Personality: The psychological study of Individual. NJ: Prentice Hall.

Hjelle, L.A. & Ziegler, D.J. (1992). Personality Theories: Basic Assumptions, Research, and Applications (3<sup>rd</sup> Ed.). NY: McGraw-Hill.

Hall G.S. & Lindzey, G. (1985). Theories of Personality (3<sup>rd</sup> ed.) New Delhi: Wiley Eastern.

Pervin, L.A. (1978). Personality Theory Assessment and Research. New York: John Wiley & Sons.

Phares, E.J. (1991). Introduction to personality (3<sup>rd</sup> ED.). NY: Harper Collin.

Rao, K.R., Paranjpe, A.C. & Dalal, A.K. (2008). HB of Indian Psychology. Delhi: Foundation Books.

M.A. (Semester-III)

Max. Marks: 80+20

Paper: Psy308(E) - FUNDAMENTALS OF MILITARY PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To acquaint the students with the nature, scope and contemporary issues in Military Psychology.

(ii) To understand the phenomenon of selection process, trade allocation and leadership in military setup.

### Unit-I

Military Psychology: Nature, Scope, Historical perspective, Application, Developments, Contemporary issues and Emerging trends.

### Unit-II

Selection, Allocation and Training: Psychological Assessment for Personnel selection- Situational Tests- Cognitive and Personality based assessment, Issues and Perspectives. Selection for special task, Pilot Selection. Need, types and methods of training.

### Unit-III

Leadership in Military: Effective leadership, Leading small and large units, Leadership in peace and war, Leadership for change and stability, Leadership and subordination, Group cohesion and morale.

### Unit-IV

Military as a unique organization: Structure and functional issues and future perspectives. Issues relating special operations, training and performance in special situations, futuristic warfare.

#### **Recommended books:**

Hall, R. & Mangelndroff, A.D. (1991). Handbook of Military Psychology. USA: John Wiley & Sons.

Kennedy, C.H. & Zillmer, E.A. (2006). Military Psychology: Clinical and Operational Applications. N.Y: Guilford Press.

Ramachandran, K. (in press). Handbook of Military Psychology. Delhi: DIPR.

Shalit, B. (1988). The Psychology of Conflict and Combat. N.Y: Praeger.

M.A. (Semester-III)

Max. Marks: 100

Paper: Psy309(C)(i) - PRACTICAL

Time: 3 Hours

Note: The candidate will conduct and report three practicals from each optional paper in semester-III. Practical will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

Objectives: (i) To acquaint students with administration, scoring and interpretation of various Psychological tests.

(ii) To provide broader understanding into well known Psychological tests/instruments.

Paper: Psy309(C)(ii) - PROFILING OF INSTRUMENTS

Max. Marks: 50

Time: 1 Hour

The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).



M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy401(E) - CLINICAL PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

- Objectives: (i) To provide understanding into nature and applications of clinical psychology.
- (ii) To develop insight into various approaches to Psychological intervention/Psychotherapies.

#### UNIT-I

Clinical Psychology: Nature, Evolution, Professional Issues: Roles, Ethics, and Training. Current debates.

#### UNIT-II

Clinical Assessment: Case History, Clinical Interview, Psychological Tests – MMPI, Rorschach Inkblot Test, Wechsler Intelligence Scales. Neuropsychological Assessment.

#### UNIT-III

Clinical Intervention: Nature, Goals and course of Psychotherapy. Psychoanalysis, Hypnosis, Behaviour therapy, Biofeedback.

#### UNIT-IV

Clinical Intervention: Cognitive therapy, Cognitive-Behaviour Therapy, Client Centered Therapy, Family Therapy, Chemotherapy, ECT.

#### **Recommended Books:**

- Hales, R.E., Yudofsky, S.C. & Talbott, J.A. (1999). Textbook of Psychiatry Vol. I & II. Washington: American Psychiatric Press.
- Kendall. (1980). Modern Clinical Psychology. NY: Willey.
- Kolb. L.C. & Brodie, H.K.H. (1982). Modern Clinical Psychiatry. (10<sup>th</sup> Ed.). London: Saunders.
- Korchin, S.J. (1975). Modern Clinical Psychology. NY: Basic Books.
- Pomerantz, A.M. (2008). Clinical Psychology: Science, Practice, and Culture. Los Angeles: Sage.
- Richard, D.C.S. & Huprich, S.K. (2009). Clinical Psychology: Assessment, Treatment, and Research. NY: Academic Press.
- Wolberg, L.R. (1988). The Techniques of Psychotherapy (Vol. 1 & 2). London: Jason Aronson Inc.
- Wolman, B.B. (1965). Handbook of clinical Psychology, New York: Mc Graw Hill.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy402(E) - CREATIVITY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To develop insight into the nature and approaches to creativity.

(ii) To provide the knowledge of assessment techniques, Current researches and use of creativity in everyday life.

#### UNIT-I

Creativity: Nature, Historical views. Theories: Psychodynamic, Humanistic, Developmental, Psychometric, Stage and Componential Process, Cognitive, Evolutionary, Topological, Systems.

#### UNIT-II

Factors Affecting Creativity: Genetic, Neurobiological, and Sociocultural.

Assessment of Creativity: Projective- Inkblot, Word Association; Psychometric Batteries- Torrance, Guilford.

#### UNIT-III

Current research: Creativity and Intelligence, Creativity and Personality, Creativity and Motivation, Creativity and Culture.

#### UNIT-IV

Creativity in everyday life, creativity in organization and education, in artwork, creativity in eminent people.

Creativity: Programs and Strategies.

creativity  
Enhancing

#### **Recommended Books:**

Anastasi, A. (1988). Psychological Testing (6<sup>th</sup> Ed.). NY: McMillan.

Kaufman, J.C. (2009). Creativity 101. NY: Springer.

Kaufman, J.C. & Sternberg, R.J. (2010). The Cambridge Handbook of Creativity. NY: Cambridge University Press.

Rickards, T., Runco, M.A. & Moger, S. (2009). The Routledge Companion to Creativity. London: Routledge.

Runco, M.A. (2007). Creativity Theories and Themes: Research Development and Practice. NY: Academic Press.

Sternberg, R.J. (1999). Handbook of Creativity. NY: Cambridge University Press.

Torrance, E.P. (1965). Rewarding Creative Behaviour, NJ: Prentice Hall.

M.A. (Semester-IV)

Max. Marks: 80+20

PAPER: Psy403(E) - INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objective(s): To acquaint the students regarding the organizational designs, Culture, Communication Process, decision making process, group dynamics, leadership behavior and conflict resolution.

#### UNIT-I

Organisational structure: Basic concepts, types, classical and modern theory. Modern organisational designs. Organisational culture: Nature, types, creating, maintaining, and changing a culture.

#### UNIT-II

Communication: Basic communication process, formal and informal, Fayol's, Barnard's, and modern perspective, methods to improve communication.

Decision making: Process, techniques, models – Economic Rationality, Social, Bounded Rationality.

#### UNIT-III

Group dynamics and teams: Types of groups, dynamics of informal and formal groups. Teams: Characteristics, types, team building, team effectiveness.

Leadership: Nature, styles, role and activities, theories: Trait, Exchange, Contingency, and Path-Goal.

#### UNIT-IV

Organizational Conflict: Nature, causes, conflict resolution and management.

Organizational change and development: Nature of change process, resistance, strategic planning, approaches to managing change.

Recommended Books:

Colquitt, J.A., LePine, J.A., & Wesson, M.J. (2011). Organizational Behaviour. New Delhi: Tata McGraw-Hill.

Luthans, F. (2006). Organizational Behaviour (11<sup>th</sup> Ed.). NY: McGraw-Hill.

McMormik, E.J. & Ilgen (1980). Industrial and Organizational Psychology (8<sup>th</sup> Ed.). NJ: Prentice Hall.

McShane, S.L., Glinow, M.A.V., & Sharma, R.R. (2011). Organizational Behaviour. New Delhi: Tata McGraw-Hill.

Miner, J.B. (1991). Industrial-Organizational Psychology. NY: McGraw-Hill.

Robbins, S.P. (1993). Organizational Behaviour: Concepts controversies, and applications (6<sup>th</sup> Ed.). New Delhi: Prentice-Hall of India.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy404(E) - PRINCIPLES AND APPLICATIONS OF COUNSELLING

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) Making the students aware about the need and importance of counseling in day-to-day life.

(ii) To provide knowledge about various counseling techniques and their applications.

#### UNIT-I

Counseling: Need, principles, goals, emergence of counseling as a profession.

Skills, training and traditional activities of counselors.

Counseling process: Establishing structure, therapeutic environment, and strategy.

#### UNIT-II

Counseling techniques: Directive, non-directive, and eclectic.

Assessment in counseling: Meaning, purpose, and types of assessment, psychological tests and non-test methods. Using assessment for treatment planning, monitoring treatment progress, for evaluation and accountability.

#### UNIT-III

Counseling and psychotherapies: Psychoanalytic, individual psychology, person centered, behavioural, rational emotive behaviour therapy, reality therapy, transactional analysis.

Counseling in schools, organizations and mental health settings.

#### UNIT-IV

Counseling applications: Counseling for parents and children, counseling for special populations- substance abusers, AIDS patients, abuse victims, women, older adults, and differentially abled people.

issues in counseling practice.

Ethical and legal

#### **Recommended Books:**

Gelso, C. J. & Fretz, B.R. (2000). Counseling Psychology (2<sup>nd</sup> Ed.). London: Wadsworth.

Nystul, M.S. (2001). Introduction to Counseling, New Mexico State University: Allyn and Bacon.

Palmer, S. & McMohan, G. (1997). Handbook of Counseling Psychology, London: British Association for Counseling.

Pietrofesa, J.J. et al. (1978). Counseling: Theory, Research, and Practice. Chicago: Rand McNally.

Rao S.N. (2001). Counseling Psychology. New Delhi: Tata Mc Graw-Hill.

Gibson, R.L. (2005). Introduction to Counseling and Guidance. New Delhi: Pearson Education.

Shertzer, N. & Stone, S.C. (1971). Fundamentals of Counseling (2<sup>nd</sup> Ed.). Boston: Houghton Mifflin.

Whiston, S.C. (2009). Principles and Applications of Assessment in Counseling (3<sup>rd</sup> Ed). NY: Cengage Learning.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy405(E) - LIFE SPAN HUMAN DEVELOPMENT (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To have an understanding of the development of cognitive and personal constructs.

(ii) To acquaint the students with developmental changes from adolescence to old age.

#### UNIT-I

Cognitive development: Nature, approaches- Piaget, Vygotsky, Information processing. Language

development: Behaviourist, Nativist, and interactionist perspective.

Emotional development: Development of emotional expression, understanding and responding to other's emotions, emergence of self-conscious and emotional self-regulation.

#### UNIT-II

Development of Self: Emergence of self, development of self-concept and self-esteem, constructing an identity, understanding others and social problem solving. Sex role

development: Gender stereotypes and gender roles, gender identity and gender schema theory.

#### UNIT-III

Transition from childhood to adolescence: Hormonal changes and physical growth, sexual maturation, reactions to pubertal changes, identity crisis, stress, adolescent problems. Ecology of development: Impact of family, peers, school, and media on adolescence.

#### UNIT-IV

Problems of aging: Biological perspective; physical changes, habits and health. Family life adjustments, widowhood, remarriage, and cohabitation in old age.

Psychological issues: Control vs. dependency, social support and interaction, problems of vocation and retirement.

#### **Recommended Books:**

Bee, H. & Boyd, D. (2002). Life Span Development. Boston MA: Allyn & Bacon.

Brodzinsky, D.M. Gormly, A.V. & Anibron, S.R. (1986). Life Span Human Development. New Delhi: CBS Publishers.

Hurlock, E.B. (1997). Child Development. New Delhi: Tata Mc Graw-Hill.

Berk, L.E. (2003). Development Through the Lifespan. New Delhi: Pearson Education.

Newman, B.M. & Newman, P.R. (1975). Development Through Life: A Psychological Approach. New York: Wadsworth Publishing Company.

Santrock, J.W. (1999). Lifespan Development. New York, MC Graw-Hill.

Stewart, A.C., Perlmutter, M. & Friedman, S. (1988). Life Long Human Development. New York: John Willey & Sons.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy406(E) - PSYCHOMETRICS (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Objectives: (i) To make the students aware of the basic issues in psychological testing and to acquaint them with the process of test construction and standardization.

(ii) To develop insight into the theory and practice of factor analysis.

#### UNIT-I

Test construction: Test plan and composing test items; Construction of power and speed tests; Construction of Homogeneous Personality Tests; Problems of scoring weights and scoring formulas.

#### UNIT-II

Construction of tests for special purposes: Tests for mastery learning, Tailored tests; Construction of attitude scales; Development of norms.

#### UNIT-III

Item response theory: Deterministic and probability models.

Issues in Psychological Testing: Response biases and response sets, Test bias and use for minorities, Validity in clinical setting, Ethical issues.

#### UNIT-IV

Factor analysis: General concepts, assumptions, Methods – Centroid and Principal Components, Rotation of factors: Criteria, orthogonal and oblique approaches; Applications and major pitfalls of factor analysis.

#### **Recommended Books:**

Anastasi, A. (1988). Psychological testing (6th Ed.). New York: McMillan.

Fruchter, B. (1954) Introduction to Factor Analysis. New York: Van Nostrand.

Guilford, J.P. (1954) Psychometric Methods (2<sup>nd</sup> Ed.) New York: McGraw-Hill.

Harman, H.H. (1976). Modern Factor Analysis. Chicago: University of Chicago Press.

Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. Los Angeles: Sage.

Nunnally, J. (1978) Psychometrics Theory (2<sup>nd</sup> Ed.). New York: McGraw-Hill.

Singh, A.K. (1986). Tests, measurements and research methods in behavioural sciences. New Delhi: Tata McGraw-Hill.

Torgerson, W.S. (1967) Theory and Methods of Scaling (2<sup>nd</sup> Ed.). New York: John Wiley & Sons.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy407(E) - PERSONALITY (ii)

Time: 3 Hour

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

- Objectives:
- (i) To develop insight into various approaches and models of personality.
  - (ii) To provide understanding into current issues in Personality assessment.

#### UNIT-I

Type vs. Trait Approach: Galen's Theory of Temperament, Sheldon's and Kretschmer's Personality Typology. Fundamentals of Trait Approach: Lexical, Statistical, and Theoretical perspectives. Continuity, Change, and Coherence in personality.

#### UNIT-II

Allport's Trait Theory. Cattell's Theory: Basic concepts, Identification of Temperament, Ability, and Dynamic traits. Eysenck's Theory: Structure, Biological basis, Physiological and behavioural correlates.

#### UNIT-III

Gray's theory of arousability. Five-Factor model: Structure, scientific evidence, behavioural correlates, cross cultural perspective. Zuckerman's alternative Five Factor Model.

#### UNIT-IV

Issues in Personality: Brain asymmetry, Field dependence, reflection impulsivity. Theoretical and Measurement issues; Principles of Personality Assessment; Self-report inventories, Projective techniques, Objective performance tests.

#### **Recommended Books:**

Allport, G.W. (1961). Pattern and Growth in Personality. NY: Holt, Rinehart and Willston.

Anastasi, A. (1980). Psychological testing. London : McMillon.

Buss, D.M. and Cantor, N. (1989). Personality Psychology: Recent trends and emerging directions. New York: Springer-Verlag.

Cattell, R.B. and Kline, P. (1977). The Scientific Analysis of Personality and Motivation, London: Academic Press.

Eysenck, H.J. (1981). Model for personality. New York: Springer-Verlag.

Hall G.S. and Lindzey, G. (1985). Theories of Personality (3<sup>rd</sup> Ed.) New Delhi: Wiley Eastern.

Hogan, R., Johanson, J., and Briggs, S. (1997). Handbook of Personality Psychology. New York: Academic Press.

John, O.P., Robins, R.W. & Pervin, L.A. & (2008). HB of Personality: Theory and Research (3<sup>rd</sup> Ed.). NY: Oxford Press.

Larsen, R.J. & Buss, D.M. (2011). Personality Psychology: Domains of Knowledge about Human Nature. New Delhi: Tata McGraw-Hill.

Phares, E.J. (1991). Introduction to personality (3<sup>rd</sup> ED.). NY: Harper Collin.

M.A. (Semester-IV)

Max. Marks: 80+20

Paper: Psy408(E) - ADVANCED MILITARY PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

- Objectives: (i) To provide in-depth information about various mental health issues in Military set-up.
- (ii) To enhance understanding of Psychological factors associated with war and military performance.

#### Unit-I

Mental Health issues in Military. Concept of Mental Health, Scope and issues in Military setup; Stress, Combat Stress, Coping with stress- Self Help, Debriefing, Group support. Substance Abuse and Self Defeating Behaviour: Prevention and intervention strategies.

#### Unit-II

Interpersonal relations, Organizational Culture, and Climate in Military Organisation. Camaraderie and military civilian relation in context of human values- cultural and social factors.

#### Unit-III

Psychological warfare: Concept, History and functions. Psychological operations: Low Intensity Conflict, Terrorism and insurgency.

#### Unit-IV

Man-machine-environment interface: Human factors, Human error, Safety. Cognitive, Personality, Extreme environment and perceptual deprivation factors in military performance. Vigilance, Complacency, Military hardiness and adjustment.

Recommended books:

Hall, R. & Mangelsdorff, A.D. (1991). Handbook of Military Psychology. USA: John Wiley & Sons.

Kennedy, C.H. & Zillmer, E.A. (2006). Military Psychology: Clinical and Operational Applications. N.Y: Guilford Press.

Ramachandran, K. (in press). Handbook of Military Psychology. Delhi: DIPR.

Shalit, B. (1988). The Psychology of Conflict and Combat. N.Y: Praeger.



M.A. (Semester-IV)

Max. Marks: 100

Paper: Psy409(C)(i) - PRACTICAL

Time: 3 Hours

Note: The candidate will conduct and report three practicals from each optional paper in semester-IV. Practical will be decided by the teacher teaching the paper. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book (25 marks), Performance (25 marks) and Viva-voce (50 marks).

Objectives: (i) To acquaint students with administration, scoring and interpretation of various Psychological tests.

(ii) To provide broader understanding into well known Psychological tests/instruments.

Paper: Psy409(C)(ii) - PROFILING OF INSTRUMENTS

Max. Marks: 50

Time: 1 Hour

The candidate will prepare a profile of three measuring instruments from each optional paper, other than those covered in Practicals. Two instrument profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record (12 marks), Report (12 marks), and Viva-voce (26 marks).

**DEPARTMENT OF PSYCHOLOGY  
KURUKSHETRA UNIVERSITY, KURUKSHETRA**

**Open Elective Paper (For Semester – II)**

(Syllabus for Post-graduate students other than Psychology under Choice Based Credit System)

**PAPER: OESS - Understanding Psychology**

*Credits: 2 (one period in a week)*

*Marks: 50*

*Time: 3 hrs.*

Objective(s): To provide the basic understanding about various psychological concepts and methods.

**Unit I**

Psychology: Nature, Historical background and field of Psychology, Emergence of Psychology as a Science Methods: Experimental, interview, observation and case study.

**Unit-II**

Biological bases of behavior: Cell-Structure and functions. Neuron: Structure, types and functions. Introduction to nervous system and its organization.

**Unit-III**

Learning: Nature, Types-Trial and Error, Conditioning and Insight; Memory: Nature, study methods, Factors Affecting Memory, STM and LTM; forgetting.

**Unit-IV**

Personality: Nature, Genetic and Environmental determinants of personality. Type and Trait approach. Personality Assessment. Intelligence: Nature and Measurement.

**Recommended Books:**

Ciccarelli, S.K. & Meyer, G.E. (2006). Psychology. New Delhi: Pearson Education, Inc.

Leukel, F. (2002). Introduction to Physiological Psychology (IIIrd Edition). New Delhi: CBS Publishers and Distributors.

Atkinson, R.L., Atkinson, R.L. et. Al. (1985). Introduction to Psychology. N.Y. HBJ Publishers.

Singh, A.K. (2009). Uchatar Samanya Manovigyan. Delhi: Moti Lal Banarsidas.

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**Open Elective Paper (For Semester – III)**

(Syllabus for Post-graduate students other than Psychology under Choice Based Credit System)

**PAPER: OESS- Applications of Psychology**

*Credits: 2 (one period in a week)*

*Marks: 50*

*Time: 3 hrs.*

Objective(s): To provide the basic knowledge about the applications of psychology in difference fields.

**Unit I**

Abnormal behavior: Nature, criteria of abnormality. Types of mental disorders: Anxiety based and Psychosomatic disorders. Mental Retardation.

**Unit-II**

Counselling: Nature, need and types: Directive and Non-Directive approaches.  
Application of counseling: counseling for emotional problems of adolescents, counseling of delinquents, and victims of substance abuse.

**Unit-III**

Industrial and Organizational Behavior: Nature, micro and macro approaches/ behaviours.  
Work Motivation, Communication, decision making, conflict resolution.  
Selection and Placement in organizations.

**Unit-IV**

Application of psychology in understanding the problems of Population, Deprivation, Criminal Behaviour; Issue of minority groups.

**Recommended Books:**

Gelso, C.J. & Fretz, B.R. (2000). Counselling Psychology (2<sup>nd</sup> Ed.). London: Wadsworth  
Rao, S.N. (2001). Counselling Psychology. New Delhi: Tata Mc Graw-Hill.  
Carson, R.C., Butcher, T.N. , & Susan, M. (2001). Abnormal Psychology and Modern Life. New York: Harper Collins.  
Blum, M.L. & Naylor, J.C. (1984). Industrial Psychology: Its theoretical and social foundations. New Delhi: CBS Publishers.