University of Rajasthan
Jaipur

SYLLABUS

M.Sc.

PSYCHOLOGY

(ANNUAL SCHEME)

2015-2017
DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF RAJASTHAN
SYLLABUS

M.A./M.Sc. Psychology (Annual Scheme) (2015-16 - 2016-17)

1. M.A. / M.Sc. Previous (Annual Scheme)
   Paper-I: Systems and Theories of Psychology
   Paper-II: Cognitive Psychology
   Paper-III: Physiological Psychology
   Paper-IV: Statistics and Research Methods
   Paper-V: Practicals/Experiments

2. M.A. / M.Sc. Final (Annual Scheme)
   Compulsory Papers (Two):
   Paper-I: Applications of Psychology
   Paper-II: Social Psychology
   Optional Papers (Two)
   Group-A: CLINICAL
   Paper-III: Fundamentals of Clinical Psychology
   Paper-IV: Personality
   OR
   Thesis
   Paper-V: Practical/Testing
   Group-B: VOCATIONAL
   Paper-III: Guidance and counselling.
   Paper-IV: Vocational Psychology
   OR
   Thesis
   Paper-V: Practical/Testing
   Group-C: INDUSTRIAL
   Paper-III: Industrial Psychology
   Paper-IV: Organizational Psychology
   OR
   Thesis
   Paper-V: Practical/Testing
   Group-D: ENVIRONMENTAL
   Paper-III: Ecological Psychology
   Paper-IV: Population Psychology
   OR
   Thesis
   Paper-V: Practical/Testing
DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF RAJASTHAN

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M.A. / M.Sc. Previous (Annual Scheme)

Paper-I: Systems and Theories of Psychology

Section-A

1. Psychological Foundations:
   (i) Pre-scientific Psychology from eighteen to middle-nineteenth-century.
M.A. / M.Sc. Previous (Annual Scheme)

Paper-I:

Systems and Theories of Psychology

Section-A


2. Structuralism and Functionalism: Tichener, William James, Galton and Cattell.


Section-B


6. Humanistic Psychology: Maslow and Rogers.

Section-C


8. Neo-Behaviourism: Guthrie, Hull, Skinner and Tolman


Books Recommended:

- Wolman, B.B. (1960): Contemporary theories and systems of Psychology, Harper and Bors, N.Y.


• Heidbreder, E. (1933) : Seven Psychologies, Appleton Century Crofts.


Paper-II:

Cognitive Psychology

Section-A


Section-B


5. Perception: Meaning; Visual Perception-Top down and Bottom up Processing; Models of Visual Recognition.

Section-C

7. Language - Basic Principles, Speech and Spoken Word Recognition, Reading and Visual word recognition, Syntax and Semantics, Language Production.

8. Executive Processes - Definition, Executive Attention, Switching Attention, Inhibition of Response, Sequencing and Monitoring.


Books Recommended:


Paper-III:

Physiological Psychology

Section-A

1. Physiological basis of Behaviour: Central Nervous System, Peripheral Nervous System; Brain: Structure and Functions over the Life Span; Evolution, Mal-development and Behaviour Impairment; Aging and Brain.
2. Information Processing and Nervous System: Information Processing by Neural Circuits; Mechanisms of Excitation and Inhibition; Synaptic Potential, Brain Potentials and Information Processing.

Section-B


5. Neural Mechanisms of Learning and Memory.

Section-C

6. Physiological and Neurobiological Aspects of Sleep and Waking.


Books Recommended:

- त्रिपाठी, बनारसीदास एवं त्रिपाठी, अनुपमनाथ (1989): आधुनिक दैनिक मनोविज्ञान, वैशाली प्रकाशन बब्बीपुर, गोरखपुर.
Paper-IV:

Statistics and Research Methodology

Section-A


2. Correlation: Product Moment Correlation, Biserial, Point Biserial, Partial Correlation and Multiple Correlation, Regression and Prediction Analysis.


Section-B


5. Difference between Parametric and Non-Parametric Tests: Sign Test, Wilcoxon Matched Pairs Sign – Ranks Test; Median Test; Mann - Whitney U Test; Kendall Coefficient of Concordance; Friedman Two Way Analysis of Variance by Ranks.

6. The Language and Approach of Science: Science and Scientific Approach, Problem and Hypothesis, Constructs, Variables and Definitions.

Section-C


8. Types of Research: Ex-Post Facto Research, Laboratory Experiment, Field Experiments, Field Studies, Survey Research.


Books Recommended:


Paper-V:

Practicals/Experiments

1. Incidental V/s Intentional Learning
2. Problem solving
3. Spiral Effect
4. Signal Detection
5. Verbal Learning- Intraserial
6. Knee jerk conditioning
7. Set in Thinking
8. S.T.M.
9. G.S.R.

10. Depth perception

11. Zeigarnik Effect

12. Effect of knowledge of Results of performance

13. Psycho-physical Experiments on RL and DL

14. Semantic Differential

15. Need Hierarchy by Ranking Method

16. Spread of Effect

17. Critical Flicker Fusion

18. Figural After Effect

Books Recommended:


M.A./M.Sc. Final (Annual Scheme)

Compulsory Papers (Two)

Paper-I:

Applications of Psychology

Section-A


3. Psychology and Education: Role of Psychologists in School System; Measurement and Evaluation; Educational Technology, Behaviour Modifications in the Class Room.

Section-B

4. Psychology of Counselling and Career development: Types of counseling; Uses of Psychological Tests in Counselling; Evaluating the effectiveness of Counselling Occupation as a way of Life; Classifications of Occupations, Career Decisions and Development.

5. Psychology in Industrial settings and Business; Role of Industrial and Organizational Psychologists; Job Activities, Work Settings; Personnel Psychology; Organizational Development, Engineering Psychology, Types of Design Decisions.

6. Consumer Psychology: Nature and Functions, Consumer Inputs; Information Reception; Memory Systems; Consumer Decision-making; Personal Factors.
Section-C


Books Recommended:


- रस्तोमो, घनश्यामदास (1992) : आधुनिक व्यवहारिक मनोविज्ञान, हरप्रासाद भार्गव, आगरा.

Paper-II:

Social Psychology

Section-A


Section-B


5. Attitudes and Prejudices-Meaning and Theories of Attitude Change, Origin of Prejudices, Cognitive Basis of Prejudice, Techniques to Control Prejudice


Section-C

7. Aggression and Social Violence – Theoretical Approaches to Aggression, Meaning, Sources and Behaviours Related to Aggression, Aggression Management.


Books Recommended:

• Mohammed Suleiman Ucchatar Samaj Manovigyan, Delhi Motilal Banarsi Das.
• Arun Kumar Singh Samaj Manovigyan Ki Rooprekha, Delhi, Motilal Banarsi Das.

• Delamater Myers Social Psychology Thompson edition.

Optional Papers (Two)

GROUP-A : CLINICAL

Paper-III:

Fundamentals of Clinical Psychology

Section-A


2. Nature of Mental Health : Concepts of Normality and Pathology, Scott Criteria, Idealistic Conception of Mental Health, Models of Mental Health Interventions.


Section-B

4. Psychotherapies : Definitions, Differences from Counselling, Supportive, Re-Educative and Re-Constructive Psychotherapies.

5. Client-Centredpsycho Therapy, Logotherapy, Cognitive Therapy, Gastalt Psychotherapy.


Section-C

8. Systematic Desensitization, Variants of Systematic Desensitization, Flooding and Implosive Therapy.


Books Recommended:


- Wolman (1965) : Handbook of Clinical Psychology, New York, Mcgraw Hill.


Paper-IV:

Personality

Section-A

1. Nature of Personality, Basic Issues of Personality : Individual Versus Individual Differences, Heredity Versus Environment, Abnormal Vs. Normal Personality,
Unconscious, Self, Uniqueness, Gender, Situations, Culture, Self Concept, Self Identity and Self Esteem.

2. Psycho-social and Cultural Determinants of Personality.

3. Stress, Adjustment and Health Differences, Cultural and Ethnic Differences, Gender Differences in Personality from Eight Perspectives.

Section-B


5. Personality Inventories: MMPI, 16 PF, EPQ, Jenkin’s Type-A and Type-B.


Section-C


Books Recommended:

- Anastasi, A., Psychological Measurement and Assessment.
- The matter of Section-B may be taken from the manuals available.
OR

THESIS

Paper-V:

Practical/Testing

1. Differential Aptitude Test
2. Study of consumer Behaviour
3. Educational Aspirations
4. Study of Home Environment
5. Social Perception
6. Leadership
7. Attribution style
8. Picture Frustration Test
9. Assessment of Mental Health
10. MMPI
11. Crisis Intervention
12. Modifying Maladaptive Behaviour through any Behaviour Modification Technique
13. Rorschach Test
14. TAT
15. EPI
16. 16 PF
GROUP-B : VOCATIONAL

Paper-III:

Guidance and Counselling

Section-A


Section-B


5. Techniques of Collecting Information about the Individual for Guidance and Counselling.

6. Sources of Occupational Information.

Section-C

7. Approaches and techniques of Counselling, Expectancy and Goals of Counselling.


9. Counselling Content, Process and Behavioural Counselling.

Books Recommended:

- Paterson: Theories of Counselling and Psychotherapy, (Harper 1989)
• Ospiow, S.M. and Walshow: Behaviour Change in Counselling Readings.

• Adams, J.F.: Problems in Counselling.


• Pesricha (1976): Guidance and Counselling in Indian Education, New Delhi, N.C.E.R.T.

Paper-IV:

Vocational Psychology

Section-A

1. Historical Antecedents of Vocational Psychology.

2. Psychoanalytic Concept of Career Choice; Personality and Career.


Section-B


6. Vocational Adjustment: Vocational Adjustment in Relation to General Adjustment.
Section-C

7. Ginzber’s Theory and its Limitations; Elements or Adequate Theory of Vocational Development Propounded by Super’s Theory.


Books Recommended:


OR

THESIS

Paper-V:

Practical/Testing

Section-A

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2. Study of Consumer Behaviour

3. Educational Aspirations

4. Study of Home Environment

5. Social Perception

6. Leadership
7. Attribution Style
8. Picture Frustration Test

Section-B

9. Interview Schedule
10. Study Habit Testing
11. Clerical Aptitude Testing
12. Scientific Aptitude Test
13. Work Motivation Test
14. Job Involvement Test
15. Job Satisfaction Test

GROUP-C: INDUSTRIAL

Paper-III:

Industrial Psychology

Section-A

1. The role of psychologist in industry, The Field of Occupational Psychology: Study of Behaviour in work situation and Applications of Psychological Principles to Problems of Selection, Placement, Counselling and Training.

2. Design of Work Environment:
   
   (1) Human Engineering and Physical Environment Techniques of Job Analysis

   (2) Social Environment-Group Dynamics in Industry

3. Personnel Psychology : Selection, Training, Placement, Promotion, Counselling, Job Motivation.
Section-B

4. Special Study of Problem of Fatigue, Boredom and Accidents.

5. Consumer Behaviour, Study of Consumer Preferences, Effects of Advertising

6. Industrial Morale.


Section-C

   (a) Work Methods; Hours of Work, Nature of Work, Fatigue and Boredom, Rest Pauses
   (b) Personal Factors; Age Abilities, Interest, Job-satisfaction.
   (c) Working Environment: Noise, Illumination, Atmospheric Conditions.

9. Increasing Efficiency at Work; Improving the Work Methods:
   (a) Time and Motion Study, its Contribution and Failure; Resistance to Time and Motion Studies, Need for Allowance in Time and Motion Study.

Books Recommended:

- Mair, N.R.F. : Principles of Human Relations
- Glimer : Industrial Psychology
- Ghiselli and Brown : Personnel and Industrial Psychology.
- Dunnette, M.D. : Handbook of Industrial and Organizational Psychology.
- Blum and Taylor : Industrial Psychology.

Paper-IV:

Organizational Psychology

Section-A

1. Introduction : Roots of Organizational Psychology, Multidisciplinary Approach, Theories : Classical, Neoclassical and Modern, Theory X, Theory Y, Theory Z.


Section-B


5. Leadership : Researches : Classical and Modern, Power and Authority, Supervision and Participating Management; Effective Leader Behaviour.
6. Organizational Culture and Climate: Concept, Measurement, Practical Applications of the Concept.


Section-C


10. Organizational Stress: Stressors, Reactions to Stress, Stress Management.

Books Recommended:

- Robbins: Organizational Behaviour.

OR

THESIS

Paper-V:

Practical/Testing

Section-A

1. Differential Aptitude Test

2. Study of Consumer Behaviour

3. Educational Aspirations
Section-B

9. Study of Fatigue

10. Work Motivation Test

11. Job Satisfaction Test

12. Study of Employee Morale

13. Organizational Climate

14. Study of Needs (n-ach, n-power, n-aff), through TAT

15. Measurement of Occupational Stress

16. Interpersonal Trust Scale

GROUP-D: ENVIRONMENTAL

Paper-III:

Ecological Psychology

Section-A


2. Ecological Factors and Ethological Observations; Problems in Comparing Effects of Environmental Changes in Different Age Levels.

Section-B


Section-C


8. Personal Space and Territoriality: Situational and individual Determinants of Personal Space; Consequences of Size and Space, Consequences of Invasion of Space.


Books Recommended:


Paper-IV:

Population Psychology

Section-A


Section-B


5. Indicators of Fertility - Cultural, Psychological, Economic and Geographical Factors.


Section-C


Books Recommended:


OR

THYSIS

Paper-V:

Practical/Testing

Section-A

1. Differential Aptitude Test
2. Study of Consumer Behaviour
3. Educational Aspirations
4. Home Environment
5. Social Perception
6. Leadership
7. Attribution style
8. Picture Frustration Test
Section B

9. Child Cognition Study
10. Parent Child Relation
11. Effects of crowding
12. Noise Sensitivity Scale
13. Attitudes toward Family Planning
14. Emotional Problems Following Family Planning Methods
15. Assessment of Life Satisfaction
16. Modernization Attitude Scale.