

Class - M.A. - I

(Introduced from June 2019 onwards)

Research Methodology in Psychology
SEMESTER-I

i) Paper : - I

Title of paper: - Research Methodology in Psychology

Unit 1 Research Process and Sampling Methods:

- 1.1 Basic Research Concepts: Problem, Hypothesis and Variables
- 1.2 Types of probability and non – probability sampling methods.
- 1.3 Survey Methods:
 - a) Interview
 - b) Questionnaire
 - c) Observation

Unit 2 Types of Investigations:

- 2.1 Controlled Laboratory Experiments.
- 2.2 Field Experiments.
- 2.3 Ex post – facto field studies.

Unit 3 Research Designs:

- 3.1 Experimental Designs: Definition, functions, and control of secondary variance.
- 3.2 Two Group designs (Randomized two group designs).
- 3.3 Factorial designs: Simple factorial designs
- 3.4 Non – experimental Designs: Quasi – experimental designs.

Unit 4 Multivariate analysis and Report Writing:

- 4.1 Factor Analysis: Basic Terms, overview of extraction Methods.
- 4.2 APA style
 - a) Papering research proposal
 - b) Papering research report.

Books for Reference:

1. Goodwin, C. James (2003). Research in Psychology: Methods and design. John Willey and Sons Inc.
2. Guilford, J.P. and Fruchter, B. (1985). Fundamental Statistics in Psychology and Education, McGraw-Hill.
3. Mangal, S.K. (2006) : Statistics in Psychology and Education, 2nd ed. Prentice Hall of India Private Limited, New Delhi.
4. Minium, E. W., King, Bear, G. (1993): Statistical Reasoning in Psychology and Education, 3rd ed., Wiley India Edition.
5. Kothari C.R. (): Research Methodology.
6. Robinson : Fundamentals of Psychology Research in behaviors.
7. Best. John & Kohan, Research in Education.

8. SEMESTER-I

i) Paper : - II

ii) Title of paper: - Applied Cognitive Psychology

iii) Specific objective:- Unit 1 Introduction to Cognitive psychology

1.1 Definition of Cognitive Psychology.

1.2 Emergence cognitive psychology

1.3 Research method cognitive psychology

a) Goals of research

b) Distinctive

c) research

d) Psychological research

e) Self report

f) Case study

Unit 2. Attention and Perception

2.1 Attention

a) Signal Detection

b) The Nature of Signal Detection

c) Vigilance

2.2 Selective and Divided Attention

a) Basic paradigms for studying Selective attention

b) Filter and Bottleneck Theories of Selective

c) Attention – Resource Theories of Selective attention

2.3 approach to study of perception

a) Gestalt Perception Law

2.4 Bottom – Up and Top – Down Theories of
Personality

Unit 3 Memory

3.1 Tasks Used For Measuring memory

3.2 Traditional Model of Memory

3.3 Memory Development (Mnemonics)

Unit 4 Problem Solving and Decision Making

4.1 The Problem -Solving Cycle

4.2 Type of Problems

4.3 Creativity – Stage (process) and Block

A) Books for Reading:

1. Kellogg. R.T. (2007). Fundamentals of cognitive Psychology. New Delhi: Sage Publications.

2. Sternberg Robert, Cognitive Psychology

3. Borde R. R. Cognitive Psychology

B) Books for Reference:

1. Andrade, J. May, Jon (2007). Cognitive Psychology. Garland Scientific Publishers Noida.
2. Hunt R.R., Ellis, H.C. (2004). Fundamentals of Cognitive psychology. New Delhi: McGraw Hill.
3. Kellogg. R.T. (2007). Fundamentals of cognitive Psychology. New Delhi: Sage Publications.
4. Solso R. L. (2001). Cognitive Psychology. (6thed.) Allyn and Bacon, Pearson Education (Singapore) Pvt. Ltd., India Branch, Delhi (second Indian reprint, 2005).

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i) Paper : - III

ii) Title of paper: Positive Psychology

Unit 1 Positive psychology and principal of Pleasure

1.1 Definition of Positive Psychology

1.2 Defining Emotional Terms a) affect b) Emotion c) Happiness d) Subjective wellbeing

1.3 Distinguishing the positive and the Negative

Determinants of Subjective Wellbeing

Unit 2 Self –Efficacy, Optimism, and Hope

2.1 Self – Efficacy

a) definition of self efficacy

b) childhood Antecedents

c) the Neurobiology of self Efficacy

d) Scales e) Self – Efficacy’s Influence in life arenas

2.2 Learned Optimism

a) a definition of learned

b) childhood antecedents of learned optimism

c) the neurobiology of optimism and pessimism

d) Scales

e) what learned optimism predicts

2.2) Hope

a) definition of hope

b) childhood antecedents of hope

c) The Neurobiology of hope

d) Scales

Unit 3 Resilience

3.1 What is Resilience?

a) Developmental perspective

b) clinical perspective.

3.2 Resilience Research

- a) Sources Resilience
- b) The danger of blaming the victim
- c) sources of Resilience in children
- d) Focus on Research : Resilience among disadvantaged youth
- e) Sources of Resilience in Adulthood and later life
- f) Successful aging

3.3 Growth Through Trauma

- a) negative effect of trauma
- b) positive effects of trauma
- c) Explanations for growth Through Trauma

Unit 4 positive Emotions and well being

4.1 What are positive emotions?

- a) focus of theory the Broaden and Build

theory of positive emotions

- b) positive emotions and health

recourses

- c) physical resourced

- d) psychological resource

- e) Social Recourses

- f) limits of positive emotions

4.2 positive Emotions and well being

- a) happiness and positive behavior

- b) positive emotion success

- c) positive emotions and flourishing

Books for Reference:

1. Seligman, Martin A.P., (2007). Authentic Happiness, London: Nicholas Brealey Publishing.
2. Baumgardner, Steve and Marie, K. Crothers (2009). Positive Psychology, Dorling Kindersley (India) Pvt. Ltd. Pearson Education in South Asia.

3. Snyder, C.R. and Lopez, S.J. (Positive Psychology : the Scientific and practical Explorations of Human Strengths, New Delhi: Sage Publications India Pvt. Ltd

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SEMESTER-I

i) Paper : - IV

ii) Title of paper: - Practical (Psychological Experiments)

1) Learning

- a) Verbal Learning
- b) Serial Learning
- c) Maze Learning

2) Memory

- a) Immediate memory span
- b) Short Term Memory

3) Attention and perception

- a) Span of Attention
- b) Division of attention
- c) Times Perception

4) Illusion and Problem solving

- a) Illusion
- b) Concept formation

5) Problem solving Motivation

- a) Level of Aspiration
- b) Zeigarnik effect
- c) Goal setting

6) Cognitive Processes

- a) Emotional expression
- b) Signal detection
- c) Knowledge of results

Books for Reference:

1. Nunn, J. (1998). Laboratory Psychology: A beginner's guide. Psychology Hove: Press Ltd.
2. Rajamanickam, M. (2005) Experimental Psychology: with Advanced Experiments. Vol. 1 and 2 New Delhi: Concept Publishing Company.
3. KothurkarandVanarase (1986). Experimental Psychology – A Systematic Introduction. Wiley Eastern Ltd.

4. Andrade, Jackie and May, Jan (2004). Cognitive Psychology. New Delhi: Bios Scientific Publishers.
5. Friederiberg, J. Silverman, G. (2006). Cognitive Science: An Introduction to the study of mind. London: sage Publishers.

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First Year (Semester-II)

- i) Paper : - V
- ii) Title of paper: - Statistics in Psychology

Unit 1 Correlation and Regression

- 1.1 Correlation: A Matter of Direction and Degree
- 1.2 Where and Why Correlations are used?
- 1.3 Computation of r from Ungrouped Data: Person's from Original or Raw Score.
- 1.4 Computation of r from Ungrouped Data: Person's from the Deviation Scores from the Actual Means. **Unit 2 Significance of the Difference between Means.**

- 2.1 Significance of the Mean in Large Samples.
- 2.2 Significance of the Difference between Two Means.
- 2.3 Significance of the Difference between two Means Using 't' Test:
't' Test for Independent.

Unit 3 Analysis of Variance

- 1.1 The Logic of Analysis of Variance
- 1.2 One-Way Analysis of Variance
- Two-Way Analysis of Variance

Unit 4 Non parametric statistics

- 4.1 Parametric and Non-Parametric Statistical Tests
- 4.2 Chi-Square (χ^2) Tests
- 4.3 The Wilcoxon Matched-Pairs Signed-Ranks Tests
- 4.4 The Mann-Whitney U-Test

Books for Reading.

01. MohantyMisra (2016). Statistics for Behavioral and Social Sciences. Sage Publication India Pvt. Ltd.
02. Vimalaveeraraghavan, SuhasShetgovekar (2016). Textbook of Parametric and non-parametric Statistics. Sage Publication India Pvt. Ltd.

Books for Reference:

1. Edwards, Allan (1985). Experimental Design in Psychological Research. New York: Harper and Raw.
2. Guilford, J. P. and Fruchter, B. (1985). Fundamental Statistics in Psychology and Education. McGraw-Hill.
3. Mangal, K. K. (2006). Statistics in Psychology and Education, 2nded. New Delhi: Prentice Hall of India Private Limited.
4. Minium, E.W., King, B.M., Bear, G. (1993).Statistical Reasoning in Psychology and Education.3rd ed., Wiley India Edition.

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SEMESTER-II

Paper : - VI

Title of paper: Health Psychology Unit1 An Introduction Of health

psychology

- 1.1 Meaning of health
- 1.2 The field of health Psychology
- 1.3 Health
 - a) cognition model
 - 1) the health Belief Model
 - 2)The protection Motivation Theory
 - b) Social Cognition Models
 - 1) the theories of action and planned Behavior

2) The health action Process approach

Unit 2 Stress and coping Skills

- 2.1 concept and meaning of stress
- 2.2 Hassles of Everyday life and major Life events
- 2.3 Psychoneuroimmunology

Unit 3 Women's Health issues

- 3.1 Miscarriage
- 3.2 Termination of pregnancy

3.3 The Menopause

Unit 4 Staying Healthy

4.1 Medical Communication and physical Health

4.2 prevention of Diseases and impairments

4.3 primary prevention and Behavior outcomes

Books for Reference:

1. Marks, D. F., Murray, M. Evans, B. and Estacio, E.V. (2011). Health Psychology. Sage Publication India Pvt Ltd.
2. Dimatto, M.R., Martin, R.M. (2012). Health Psychology. Fifth Impression, Pearson Education in South Asia.
3. Ogden, Jane (2010). Health Psychology A Text Book. Tata McGraw Hill Education Private Ltd

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SEMESTER-II

Paper : - VII

Title of paper: - Personality Psychology

Unit1 Introduction to Personality Psychology

1.1 Definition of Personality

1.2 Three Levels of personality Analysis

1.3 Source of Personality data

1.4 Research designs in Personality

Unit 2 Physiological and Evolutionary perspectives on personality

2.1 Physiological measures commonly use in Personality Research

2.2 Physiological based theories of personality

2.3 Evolution and natural selection

2.4 Human Nature

Unit III Behavioristic – learning theory of personality

3.1 Operant behavior

3.2 Self-control of behavior

3.3 Personality assessment

Unit 4 Sex, Gender, Culture and personality

4.1 Sex differences in Personality

4.2 Theories of sex differences

4.3 What is cultural Personality Psycholog

Books for Reading

1. Buss David , Personality

Books for Reference:

1. Brody, N. and Ehrlichman, H. (1998). Personality Psychology: Science of Individuality. Englewood cliffs, NJ: Prentice Hall.
2. Cervone, D. and Pervin, L.A.(2008). Personality: Theory and research. 10th ed., New York: John Wiley and Sons.
3. Cloninger, j S.C. (2008). Theories of personality: Understanding Persons. 5th ed., Englewood Cliffs, NJ: Prentice Hall.
4. Ewen,R.B. (1998). Personality, a Topical Approach: Theories, Research, Major Controversies, and Emerging Fidnings.
5. Feist, J. and Feist , G. J. (2006). Theories of Personality. 6th ed., New York: McGraw Hill.
6. Hogan, Robert (2008). Handbook of Personality Psychology. Gulf Professional Publishing.
7. Liebert, R.M. and Spiegler M.D. (1998). Personality: Strategies and Issues. 8th ed., Belmont, CA: Wadsworth Publishing.
8. Mayer, J.D. (2007). Personality: a systems Approach. Boston, M.A. :Allyn and Bacon.
9. Mcadams, D.P. (2208). The Person: An Introduction to the Science of Personality Psychology , 5th Ed., New York: John Wiley and Sons.
10. Misschel, W. Shoda, Y., and Ayduk . O. (2007). Introduction to Personality: Toward an Integrative science of the person. 8th ed., Hoboken, N. J.: J. Wiley and Sons.
11. Pervin, L.A. and John O.P. (Eds.). (1999). Handbook of Personality: Theory and Research. 2nd ed., New York: Guilford Publication

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SEMESTER-II

Paper : - VIII

Title of paper: Practical (Psychological Tests)

1) Personality

A)NEO-FFI

B)EPQ-R

C)Achievement Motivation

D)Self-esteem

E)Self-concept

2) Intelligence

A)Culture Fair scale of Intelligence

B)Raven's S.P.M

C)WAIS

D)Emotional Intelligence scale

E)Social Intelligence test

3)Aptitude

A)Finger Dexterity Test

B)Twizer Dexterity test

C)Multiple Aptitude test

D)Mechanical Aptitude test

E)Scientific Aptitude test

4) Mental Health

A)Stress Scale

B)Assertiveness scale

C)Depression Inventory

D)Quality of Life Scale

E)Coping Resource Inventory

5)Attitude/Interest

A)Marriage Attitude Scale

B)Attitude toward Sex Education Scale

C)Teacher Attitude Scale

D)Physical Attitude Scale

E)Vocational /Career Interest Inventory

6) Anxiety /Values

A)Anxiety Scale

B)Aggression Scale

C)Test of values

D)Job Satisfaction Scale

E)Locus of Control

Books for Reference:

1. Anastasi ,A. and Urbina, S. (1997). Psychological Testing. Person Education.
2. Kaplan, R.M. and Saccuzzo, D.P. (2007). Psychological Testing . Principles, Applications and Issues. Thomson Wadsworth , Australia.
3. Gregory, R.J. (2005). Psychological Testing: History, Principles and Applications. New Delhi: Pearson Education.
4. Singh , A.K. (2006). Tests, Measurements and Research Methods in Behavioral Science. Patna: BharatiBhavan
5. Larson, R.J. and Buss, D.M. (2005). Personality Psychology . McGraw Hill Publishing.
6. Solso, R.L. (2001). Cognitive Psychology. 6th Edition, Allyn and Bacon.
7. Test Manuals of Respective Tests.

