VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.

B.A. SEMESTER-V

PSYCHOLOGY PAPER – XI (11)

(Methodology in Psychology and Psychological Statistics-I)

(To Come in force from June-2013)

University Exam : 70 Marks
Internal Exam : 30 Marks

Total : 100 Marks

Note : 1 Methodology in Psychology - 35 Marks
2 Psychological Statistics - 35 Marks
70 Marks

UNIT – I

1 Science

- Definition of Science
- Characteristics of the Scientist
- Goals of Science
- Necessary Conditions of Scientific method

2 Experiment

- Introduction
- Definition and characteristics
- Variables
- Experimental group and Control group
- Experimental errors
- Stages of experimental work

UNIT – II

3 Psychophysical Methods

- Introduction and Definition
- Uses of Psychophysical methods
- Types of Psychophysical methods
- Method of Minimal Changes
- Method of Constant Stimuli
- Method of Average error
- Rank-order method
- Paired Comparison method.

4 Survey Method

- Introduction
- Definition and Nature
- The Purpose of Surveys
- The Subject matter of Surveys
- The main Survey Planning Problems
- Pre-tests and Pilot Surveys
- Various type of surveys

UNIT – III

5 Statistics and Measurement

- Definition
- Importance of Statistics in Psychology
- Meaning of Scores Type of Scores
- Accurecy in Statistical computation

6 Frequency Distribution

- Classification
- Definition

- Type of Classification
- Discrete Series and Continuous Series.
- Meaning of Various Words - Frequency, Class, Class limits, Class interval, Mid-value etc.
- Graphic methods of Presentation
- Type of graph- Histogram or Column diagram, Frequency polygon, Frequency Curve, Cumulative Frequency Curve.

UNIT – IV

7 Measures of Central Tendency

- Long and short methods of Computing the mean.
- Computing Median
- The Mode
- Uses and limitations of Mean, Median and Mode

8 Quartiles, Deciles and Percentiles

- Quartiles (Q)
- Deciles (D)
- Percentiles (P)
  Computing There of

Reading

1. Anderson B.F.
   'The Psychology experiment and Scientific method,
   Belmont, California, 1961.
2. Zimmy George H,
   'Method of Experomental Psychology', New York
   The Ronald Press Co., 1961.
3. Noser C.A.
   'Survey methods in Social investigation', London, Hei Bemun.
   1967.
4. Guilford J.P.
   'FundamentalStatistics in Psychology and education',
   New York, Graw Hill Book Co., Inc. 1956.

5. Anastasi A.
   'Psychological Testing New York', The Macmilan Co., 1961.
6. Young Palline V.
   ' Scientific Social Surveys and Research', New Delhi, India.
7. Festinger L. and Katz D.
   Research methods in behavioural Sciences'
   New Delhi, Amerind-1970.
8. Garrett H.E.
   'Elementary Statistics New York, Langmans Green & Com.
9. Dowhie N.M. and Health R.V.
   ' Basic Statistical Methods', Harper national student
10. Ujamshi Kapadiya, Shah & Patel
    'Methodology in Psychology with Statistics', Anada Prakashan, Ahmedabad.

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

T. Y. B. A. SEM- 5

PSYCHOLOGY

PAPER – 12

COUNSELING PSYCHOLOGY PAPER : XII

To come in force from : June, 2013

Duration : 3 hours

University Exam : 70 Marks

Internal Exam : 30 Marks

Total 100 Marks

OBJECTIVES :

Aim of syllabus is to familiarize with the counseling importance the nature of counseling highlight various application fields of counseling and use of different counseling techniques.

UNIT -1

1– INSTRUCTION OF COUNSELING :

What is counseling & various Definitions of counseling.
Meaning and purpose of counseling.
Types of counseling.
Goal of counseling and it's classification.
The scope of counseling with reference to India.

2– CLASSIFICATION OF THE PROBLEMS :

– Indian student's problems.

– Need of counseling.

UNIT-2

3– ROLE OF COUNSELOR :

– Motive of counselor.

– Who can become counselor.

– Education and Training required for counselor.

– Professional issues concerning counselor.

– Ethics involved with the job of counselor.

UNIT-3

4– APPLICATION OF COUNSELING :

– Counseling fields.

– Counseling requirements.

5– COUNSELING HISTORY AND DEVELOPMENT :

– Stages of development.

– Counseling in America.

– Present stages of counseling development.

– Counseling in India.

UNIT-4

6– PROCESS OF COUNSELING :

– Stages of counseling process.

– Counseling environment.

– Interview process for counseling.

– Approach required for counseling.

REFERENCE BOOKS- JOURNALS

"Introduction of Counseling" By Tolber E.L. McGraw hill Book Company, New York 2nd Ed. 1972

2– "Introduction to Counseling" By Belkin G.S. W.G. Brown Publishers (1988)

3– "Psychological Counseling in India" by Fuster J.M. Macmillan Company (1964)

4– "The Theory and practice of Counseling "Psychology" by Nelson J. Publisher Holt Rinchart & Winston (1981)

5– "Stress and its management by Yoga" by Udupa, K.N. Publisher, Moti1al Bansari Das. (1985)

6– "Counseling, Theory and Process" by Hansen J.C., Stevic R.R. & Warner R.W. Publisher Allyn and Bacon Inc.

7– "Guidance and Counseling in India Education" by Prem pasricha publisher, NCERT, New Delhi (1976)

8– "Theory Methods and Process of Counseling" by George R.C. & Cristiani T.R. Publisher Prentice Hall Inc.

9– "Counseling in Action" by Windy D. Publisher, Sage Publication (1988)

10– "Salah Manovigyan" by Dr. S.T. Patel Publisher University Grant Nirman

11– "Salah Manovigyan" by Prof. C.B. Dave, K.K. Mehta Publisher Viral prakashan.

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

T. Y. B. A. (Sem. – V)

PSYCHOLOGY P.-13

PSYCHOPATHOLOGY - 1

To come in force from –June, 2013

Duration 3 Hours
University Exam 70 Marks
Internal Exam 30 Marks
Total: 100 Marks

OBJECTIVES :

1– To impart knowledge about the normality and abnormality

2– To make students Understand the nature and course of various abnormal conditions.

3– To impart knowledge and skills needed for psychological assessment of different abnormal conditions.

CONTENTS :

UNIT-1

1– Introductions to psychopathology: The concept of normality and abnormality

2– Signs and symptoms of Mental illness: Delusions, Hallucinations, obsessions, compulsions etc.,

UNIT-2

3– Psychological Models of psychopathology; psychodynamic, Behavioural, Cognitive Behavioural and Existential,

UNIT-3

4– psychological Assessment of psychopathology; Diagnostic tests, Rating scales, History taking interview, Orientation to projective tests.

UNIT-4

5- Anxiety Disorders : panic disorder and Agoraphobia, specific phobias, social phobia, obsessive compulsive disorder, Generalised anxiety disorder.

6– Soma to form disorders : Dissociative – disorders

READINGS :

1– Lamm A. (1997) Introduction to psychopathology N.Y. Sage.

2– Buss A.H. (1999) Psychopathology N.Y. John Wiley

3– DSM IV classification as published by opt.

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Veer Narmad South Gujarat University, Surat
B.A. Semester-V (5)
Psychology Paper-XIV (14)
Industrial Psychology

University Exam – 70
Internal Exam – 30
Marks 100

Objectives :-

- To Acquaint the students its some kind of organization and human behaviour at Industrial organizational setting
- This course shows students how psychology will help them in their careers.

Unit-I

1. **Nature & Scope of Industrial Psychology**

- Definition, Nature and Scope
- Origin of Industrial Psychology
- Industrial Psychology as a Profession

2. **Job Analysis**

- Occupational Information
- Job Analysis Uses
- Sources of Information
- Assembling Job Information
- Job-Specification

Unit-II

3. **Evaluation Techniques & Employee Selection**

- Individual Differences
- Application Form
- Employment Interview

References and Letters of Recommendation

Unit-III

4. **Psychological Testing**

- Nature-Characteristics & Principals
- An Overview of a testing Programmed
- Administering Psychological Test
- Types of Psychological Test
- Advantages & Limitation of Psychological Testing

Unit-IV

5. **Engineering Psychology**

- History and Scope of Engineering Psychology
- Time and Motion Study
- Person-Machine Systems
- Workspace Design
- Computers

6. **Safety and Accident Control**

- Causes of Accident
- Accident Proneness
- Accident Control

Basic Books :

1) Siegal and Lane 3rd Ed 1977 'Psychology In Industrial Organization' D. B. Taraporwala and Co. Mumbai.
2) Schultz, D. and Schultz S.E. (2002) 'Psychology & Work Today' Delhi, Person Education (First Indian Reprint, 2004).
3) Harrel T.W. 'Industrial Psychology' Oxford Book Co-Calcutta.
4) D. P. Schultg (1989) "An Introduction to Industrial and Organizational Psychology" Newyark, MC MIllion Pub.

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.

B.A. PSYCHOLOGY

Semester – V (5)

PAPER – XV (15)

(Educational Psychology)

(To Come in force from June-2012)

University Exam : 70 Marks
Internal Exam : 30 Marks

Total : 100 Marks

UNIT – I

1 Nature, Field and Function of Educational Psychology

- Meaning of Education
- Definition of Educational Psychology
- Field of Educational Psychology
- Function of Educational Psychology
- The Psychology of teaching
- Psychological aspects of teaching

2 Educational importance of various aspects of development

- Meaning and Nature of Growth and Development
- Principles of Developments
- Various stages of development
- Development and control of various emotions
- Function of emotions in life
- Social development and its Stages
- Interests of Adolescents
- Problems of Adolescents
- Characteristics of an effective teacher

UNIT – II

3 Intelligence and its measurement

- Definition and Nature of intelligence
- Uses and importance of intelligence test
- Limitations of intelligence test
- Type of intelligence test
- History of intelligence test
- Nature of intelligence test
- Difference between individual and group intelligence test
- Mental age, Intelligence Quotient and technique of intelligence measurement.

4 Aptitude and Aptitude testing

- Introduction
- The nature and Meaning of aptitude
- Measurement of Special ability or aptitude
- Types of aptitude tests

UNIT – III

5 Personality traits and their evaluation

- Meaning and Definition of Personality
- Theories of Personality (Types of Personality)
- Trait theories of Personality
- Methods of Personality measurement
- Determinants of Personality development
- Stages of Personality development

6 Educational importance of individual differences

- Introduction
- Causes of individual differences
- Types of individual differences Or Areas of individual differences
- Education and individual differences
- Some methods of individualization of students

UNIT – IV

7 Learning and General Principles of Learning

- Introduction
- Meaning and Definitions of Learning
- Theories of Learning
- Factors in human Learning
- Aspects of Learning

8 Motivation, Attitudes and Interest

- Definition of Motivation
- Nature and functions of motivation
- Classification of motivation
- Maslow's theory of self actualization
- Frustration and Education
- Attitudes Definition and Nature
- Factors influencing the development of attitudes
- Interest and Education
- Attention and Interest
- Determinants of attention
- Distraction

Readings

1. Crow and Crow.'Educational Psychology Eurasia Publishing house, New Delhi.
2. Dr. R.N. Sharma and Dr R.K. Sharma, 'Advanced Educational Psychology, 'Atlantic Publishers and Distributors, New Delhi.
3. H. Sorenson,' Psychology in Education. Megraw-Hill book company INC. New York
4. S.S. Chauhan, 'Advanced Educatonal Psychology', Vani Educational Books, New Delhi.
5. Glower, Bruning, Filbeck' Little, "Educational Psychology-Principles and Applications,' Brown & Co. Boston, Toronto.
6. Robart S. Ellis,' Educational Psychology', D. Van Nostrand Company, INC Toronto, New York, London.
7. Anne Anastasi, 'Psychologiucal Testing', The Macmillan company, New York
8. Elizabeth Hurlock, 'Child Development,' Mc: Graw Hill book company, New York.

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.

B.A. SEMESTER-V (5)

PSYCHOLOGY PAPER – XVI (16)

Experimental Psychology (Practicals)-I

(To come in force from June-2013)

Duration 4 Hours

University Exam	:	70 Marks
Internal Exam	:	30 Marks
Total	**:**	**100 Marks**

Note : The experimental Practical examination will be held for four hours. One experiment to be performed and one to be reported without actual performance and a viva voce examination there after to test candidate's knowledge of principles experimentation procedure and instrumentation.

In Psychology Practical's, one batch for performance of practicals should comsist of 10 or less pairs of students depending upon the physical facilities in the laboratory. The report of every experiment included in the journal should have information regarding the experiment performed on the following 10 points.

1. Problem :

Its statement purpose of the study or hypothesis to be tested, Introduction to the Problem either for clarification or development of the problem in brief.

2. Aim of Practical

3. Apparatus :

Just listing of various apparatus and material used , If necessary diagram of the experiment all set up should be drawn.

4. Experimental design :

5. Variables :

6. Procedure :

Describing exactly what is done from the beginning to end of the experiment, instructions list of variable independents, dependent and controlled methods of recording and treatment of the data.

7. Result and discussion :

Summary tables the graphs and the introspective report to be included, raw data is to put in the appendix at the end of the experiment discussion of the results.

8. Conclusions :

Brief precise and numbered points.

9. References :

Book consulted

10. Appendix :

Raw data, calculation sheets and original sheet used for recording purpose.

Distribution of marks

Practical-I	Write up experiment	-	20
	Performance	-	10
Practical –II	Write up only	-	10
	Journal	-	20
	Viva	-	10
	Total	**-**	**70**

List of Practical (Any Six Practical Performed)

1. **Measurement of Optical illusions.**
2. **Division of attention**
3. **Suggestion-Progressive weights method.**
4. **Color Preference by paired comparison and Ranking method.**
5. **Association on reaction time (Free Association)**
6. **Effects of intention to learn**
7. **Transfer of training**
8. **To growth of Concepts**

Readings

1. Kuppuswamy B.
   Elementary experiments in Psychology
   Mysore City, Western Press & Co. 1954.

2. Valentine C.W.
   Introduction to experimental Psychology
   N.W.I. University tutorial Press Ltd. 1953.

3. Woodworth R.S. & Schlosberg H.
   Experimental Psychology Oxford & IBH Publishing Company.
   Calcutta – 1971.

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VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.

B.A. SEMESTER-V (6)

PSYCHOLOGY PAPER – XVII (17)

Experimental Psychology (Practices)-I

(To come in force from June-2013)

Duration 4 Hours

University Exam : 70 Marks
Internal Exam : 30 Marks
Total : 100 Marks

UNIT-I

1. Questionnaire

- Introduction
- What is a questionnaire?
- Advantages of questionnaire
- The limitations of questionnaire
- General Principles of design
- Question content
- Open and Pre-coded questions
- Question Order

2. Interview Method

- Introduction
- Type of interviewing
- The interviewer's task
- Selecting and training of interview office
- Necessary characteristics of interview officer
- Informal interviewing
- Comparison between formal and Informal interviewing

UNIT-II

3. Some principles of Sampling

- poplutation and smple
- Census enquiry and sample enquiry
- Parameter and statistic
- Sampling methods :- Random sampling, Stratified Sampling, Purposive sampling
- Biased Sampling
- Principles of Sampling

4. Psychological Testing

- Definition
- Nature of Psychological Tests
- Administration and scoring of the test in general
- Scoring problems
- Types of Psychological Tests
- Uses of Psychological Tests
- Sources of information
- Principal reasons for controlling the use of Psychological Test
- The professional ethics

Unit-III

5. Variability

- Measurement of Variability
- Range, quartile deviation, computing quartile deviation
- Average deviation
- Standard deviation
- Long and short methods of computing SD for grouped and Ungrouped Data

Unit-IV

6. Percentile and Percentile rank

- Computing Percentile
- Rank from ranked data

7. Correlation

- Concept of Correlation
- Rank difference Correlation

Reading

1. Anderson B.F.
   'The Psychology experiment and Scientific method,
   Belmont, California, 1961.
2. Zimmy George H,
   'Method of Experimental Psychology', New York
   The Ronald Press Co., 1961.
3. Noser C.A.
   'Survey methods in Social investigation', London, Hei Bemun.
   1967.
4. Guilford J.P.
   'Fundamental Statistics in Psychology and education',
   New York, Graw Hill Book Co., Inc. 1956.
5. Anastasi A.
   'Psychological Testing New York', the Macmillan Co., 1961.
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   'Scientific Social Surveys and Research', New Delhi, India.
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   New Delhi, Amerind-1970.
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   'Elementary Statistics New York, Langmans Green & Com.
9. Dowhie N.M. and Health R.V.
   'Basic Statistical Methods', Harper national student

10. Ujamshi Kapadiya, Shah & Patel
'Methodology in Psychology with Statistics', Anada Prakashan, Ahmadabad.