

12

**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

**Subjects :** Psychology  
**Faculty :** Arts  
**Class :** M.A. Part - I  
**Nature of Subject :** Entire Psychology

**PAPER - I ADVANCE EXPERIMENTAL PSYCHOLOGY**  
(Methodology, Experimental Designs and Statistics)

**There will be two sections in this paper**

Section I : Experimental Theory

Section II : Statistics

**Main Objectives :**

- \* This course aims of familiarizing students with experimental method and various designs of experiments along with statistical procedures.
- \* To develop an understanding of various statistical techniques in terms of their assumptions, application and limitations.

**The Scheme of question Paper :**

1. The paper will consist of Five units.
2. There will be two chapter in each unit.
3. Every chapter in the unit should be given equal weightage in the examination.
4. Question paper should be drawn with the 'Internal Option' in such a way that students should not omit any chapter.

**Marking scheme :**

Total marks : 100 :- 60 marks for experimental theory  
40 marks for statistics.

Each unit carry equal marks in the question paper.

Each chapter in the unit should have equal weightage of 10 marks.

**The paper will consist of the following five unites.**

**Section - I Experimental Theory**

**Unit - I**

Chapter : 1. Experimentation in Psychological Research

Chapter : 2. Control of Relevent Variables.

**Unit - II**

Chapter : 3. Classical Psychophysics and Signal detection theory- Psychophysical  
Scaling

Chapter : 4. Learning and Behaviour

**Unit - III**

Chapter : 5. Experimental Designs.

Chapter : 6. Factorial Experimental Designs.

**Section - II**

**Unit - I**

Chapter : 1. Correlation

Chapter : 2. 't' test and Chi square

**Unit - II**

Chapter : 3. Analysis of variance

Chapter : 4. 'W' test and 'Tau' test

**Section - I**

**Experimental Theory**

**Unit - I**

**Chapter - 1 : Experimentation in Psychological Research**

\* Psychological Research

Theoretical research and its types.

Empirical research and its types.

\* Psychology and the concept of variables

Independent variable and Dependent variable

Interdependence of Independent and Dependent variables

Relevant variable

Interrelation among research approaches, Type of independent variables and research settings.

**Chapter - 2 : Control of Relevant variables**

\* Three types of control Techniques.

\* Three Classes of Relevant Variables

Subject Relevant Variable

Situational Relevant Variable

Sequence Relevant Variable

\* Some general methodological considerations, Single-group versus Separate groups designs.

Experimental versus Statistical designs.

\* Control of Subject Relevant Variable

\* Control of Situational Relevant Variable

\* Control of Sequence Relevant Variable

## Unit - II

### Chapter - 3 : Classical Psychophysics and signal detection theory

- \* Basic concepts of psychophysics
  - Absolute and Difference Limens
  - Physical versus Psychological continua
- \* The method of limites
  - Determination of the AL by the method of limits
  - Determination of the DL by the method of limits
- \* Method of constant stimuli
  - Determination of the AL by the method of constant stimuli
  - Determination of the DL by the method of constant stimuli
- \* The method of Average error
  - Determination of the DL by the method of average error
- \* The Just Noticeable Difference and Weber's law
  - Weber's law
- \* Signal detection theory
- \* Psychophysical scaling - The types of scales
  - Fechner's logarithmic law

### Chapter - 4 : Learning and Behaviour

- \* Some properties of classical conditioning
  - Pairing relations of CS and UCS
  - Distinguishing classical from instrumental conditioning
- \* Instrumental conditioning
  - Classification of instrumental conditioning Procedures
- \* Operant Conditioning
  - Some important features of operant conditioning
  - Central concepts in operant conditioning
- \* Schedules of Reinforcement and their applications

## Unit - III

### Chapter - 5 : Experimental and other research designs

- \* Experimental design with a Signal Independent variable
  - Pre-post designs
  - Randomized groups designs
  - Related groups designs
  - Within - subject designs
- \* Quasi - experimental and non-experimental designs

- \* Small -N designs

Basic approach and designs

Data analysis and the use of statistics

- \* Differences between the Small-N and Large-N approaches.

### **Chapter - 6 : Factorial Experimental Designs**

- \* Reasons for selecting a factorial designs
- \* Categorizing factorial designs
- \* A randomized 2x2 factorial design
- \* Other outcomes of a 2x2 factorial design
- \* Identifying main effects and interactions for other factorial designs
- \* Statistical analysis of factorial designs

## **Section - II**

### **Statistics**

#### **Unit - I**

#### **Chapter - 1 : Correlations**

- \* Pearson's correlation technique
  - Raw score technique
  - Product moment correlation
  - Assume mean technique

#### **Chapter - 2 : 't' test and Chi-square**

- \* Computation of 't' values for independent and dependent samples
- \* Chi-square
  - Equal distribution
  - Contingency co-efficient
  - Chi-square test of independence in contingency table
  - Normal distribution

#### **Unit - II**

#### **Chapter - 3 : ANOVA**

- \* One way analysis of variance
- \* Two way analysis of variance

#### **Chapter - 4 : 'W' test and 'Tau' test**

- \* Kendall coefficient of concordance - 'W' test
- \* Kendall ranking correlation - 'Tau' test

### **Books**

1. M.R. D'amato (1990) : 'Experimental Psychology' Methodology, Psychophysics and Learning TMH Edition- 4th Reprint.

Chapter : 1,2,5,6,7,9

- 29
- 15
2. Barry and Morton (1985): 'Experimental Methods in Psychology' McGraw-Hill  
Chapter : 6,7,8,9
  3. Broota K.D. (1992): 'Experimental Designs in Behaviuoral research' New Delhi.  
Wiley Estern.
  4. Downie and Heath : 'Basic Statistical Methods'
  5. Siegel S. (1994): 'Non-perametric statistics', McGraw-Hill
  6. Prof. C.B. Dave, Dr. Dipak Bhatt, Dr. N.S. Patel and Dr. D.J. Panchal (1998) :  
'Experimental Psychology Theory and Statistics', Viral Prakashan, A'bad.

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98

**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

Subjects : Psychology  
Faculty : Arts  
Class : M.A. Part - I  
Nature of Subject : ~~Entire Psychology Paper - II~~ (Optional Paper)

**PAPER -II ENVIRONMENTAL PSYCHOLOGY**

**Main Objectives :**

- \* To highlight the simultaneous mutual interaction of environment and behaviour.
- \* To delineate psychological approaches to the study of environment.
- \* To discuss the impact of ecological degradation and the need for enhanced awareness.

**The Scheme of question Paper :**

1. The paper will consist of Five units.
2. There will be two chapters in each unit.
3. Every chapter in the unit should be given equal weightage in the examination.
4. Question paper should be drawn with the 'Internal option' in such a way that students should not omit any chapter.

**Marking scheme :**

Total marks : 100

Each unit carry equal marks in the question paper.

Each chapter in the unit should have equal weightage of 10 marks.

**The paper will consist of the following five unites.**

**Unit - I**

Chapter : 1. Definition and Scope

Chapter : 2. Methods of Environmental Psychology

**Unit - II**

Chapter : 3. Human Behaviour and Environmental Stimulation

Chapter : 4. Environmental Effects on Behaviour

**Unit - III**

Chapter : 5. The Effects of Noise on Behaviour

Chapter : 6. The Effects of Seasons, Weather and Temperature on Behaviour

**Unit - IV**

Chapter : 7. The Effects of Air Pollution and Wind on Behaviour

Chapter : 8. Personal Space and Internal Contact

26

Unit - V

Chapter : 9. Territorial Behaviour

Chapter : 10. Population Density and the Problem of Overcrowding

Unit - I

Chapter - 1 : Definition and Scope

\* Development history of Environmental Psychology

\* What is Environmental Psychology is ?

Defenition and Scope

\* Nature of environmental psychology

Chapter - 2 : Methods of Environmental Psychology

\* The obtrusive methods

\* Unobtrusive methods

Experiments

Unit - II

Chapter - 3 : Human Behaviour and Environmental Stimulation

\* Stress

\* Arousal

\* Excessive environmental stimulation

\* Under-environmental stimulation and behaviour

\* Environmental restriction and behaviour

Chapter - 4 : Environmental Effects on Behaviour

\* Adaptive behaviour to environmental stimulations

\* Environmental pollutions

Unit - III

Chapter - 5 : The Effects of Noise on Behaviour

\* Unusual environmental stimulations

\* The structure of auditory system and sound

\* Charateristics of sound

Amplitude, Frequency

\* Distrubing Characteristics of noise

\* The effects of noise

Attraction, Altruision, Aggression

Chaper - 6 : The Effects of Seasons, Weather and Temperature on Behaviour

\* Nature and characteristics of Temperature

\* Effects of various levels of temperature and atmosphere

Atmosphere, Excessive heat

- 415
- \* Medium temperature
  - Humidity
  - \* Atmospheric influence on behaviour
  - \* The effects of heat on performance
  - \* The effects of heat on social behaviour
  - \* The effects of cold Temperature

#### Unit - IV

##### Chapter - 7 : The Effects of Air Pollution and Wind on Behaviour

- \* Nature of air in the atmosphere
- \* Air pollution and the consequences
- \* Air pollutants
- \* Personal air pollution
- \* How air pollution is perceived ?
- \* The effects of air pollution and wind performance

##### Chapter - 8 : Personal Space and Internal Contact

- \* Introduction
- \* Personal Space
  - Cultural and personal factors in interpersonal contacts and personal space
  - Cultural and sex in interpersonal spacing
  - Age and personal distance
  - Situation and personal distance
- \* Cultural and interpersonal contact and personal space
- \* Interpersonal contact, personal space and sex
- \* Interpersonal contact, personal space and similarity
- \* Interpersonal contact, personal space and experience
- \* Occupation
- \* Interpersonal space and age
- \* Race and Cultural in interpersonal space
- \* Socio-economic status in interpersonal space
- \* Likes and dislikes in interpersonal space

#### Unit - V

##### Chapter -9 : Territorial Behaviour

- \* Characteristics of territory
- \* Kinds of territory
- \* Primary territory



- :: Secondary territory
- :: Public territory
- \* Dominance of territory
- \* Consequences of territorial disputes

#### **Chapter -10 : Population Density and the Problem of Overcrowding**

- \* Density and crowding
- \* Effects of overcrowding on humans
- \* Sex and effects of density
- \* The effects of high density of population on physique
- \* The effects of the kinds of high density of population
- \* Aggression as the effects of high density
- \* Effects of long term high density
- \* Avoiding the effects of crowding and negative reactions

#### **Books**

1. Dr. M. Rajamanickam (1994) : 'Contemporary Fields of Psychology and Experiments'  
Concept Pub. Co. New Delhi.  
Chapter : 1,2,3,4,5,6,7,8,9,10
2. Ittelson W.H., Proshansky H.M., Rilvin E.G., Winkel G.H. & Dempsey (1974) :  
'An Introduction to Environmental Psychology' New York. Holt Rinehart and  
Winston.
3. Encyclopedia of Psychology - Vol. I (1984) Raymond J. Corsini, New York John  
Wiley & Sons.

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**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

**Subjects :** Psychology  
**Faculty :** Arts  
**Class :** M.A. Part - 1  
**Nature of Subject :** Practicals in Psychology (Opational Paper)

**✓ PAPER -II PRACTICALS IN PSYCHOLOGY**

**Main Objectives :**

- \* To provide training to the students in condneting experiments
- \* To provide training to the student for administration of psychological tests

**The Scheme of Question Paper :**

- \* The paper will consist of eight practicals and four tests to be performed and journal prepared.

**Marking scheme :**

Total marks : 100 :- 60 marks for practical  
40 marks for tests

**List of Practicals**

1. Method of minimal changes - Two point threshold for different areas of skin.
2. Efficiency of distribute and massed practice.
3. Bilateral transfer-mirror tracing.
4. Transier in maze learning.
5. Habit interference.
6. Retention for completed and interrupted task-zeigarnik effect.
7. Retention as a function of meaningfulness.
8. Retroactive inhabition.

**List of Tests Exercises**

1. Koh's Block Design Test.
2. Alexander's Pass Along Test.
3. Porture Maze Test.
4. Finger and Twizer Dexterity Test.

22

22

### Books

1. R.S. Woodworth & H. Schlorberg (1954) : "Experimental Psychology" 2nd Ed. Henry Holt and Company.
2. B.J. Underwood (1966) : "Experimental Psychology" 2nd Ed. Appretor Centre and Cropts.
3. M.R. D'Amato (1990) : "Experimental Psychology" McGraw Hill Kogakusha.

Any eight practicals and four test exercises to be performed and journals prepared.

1. Depth discrimination comparison of the methods of average effort and constant (W. & S. 469, B. J. U. 135, MRD 129 and 148).
2. Verification of weber law - D.L. as a function of the standard stimulus (W. & S. 197 and 210, B. J. U. 164, MRD 154).
3. Methods of minimal changes - Absolute threshold as function of pitch (W. & S. 196, B. J. U. 139, MRD 121).
4. Methods of minimal changes - Two point threshold for different areas of the skin (W. & S. 196, B. J. U. 139, MRD 121).
5. Judgement of time : Reproduction of filled and unfilled time intervals for visual stimulus or for auditory stimulus (BJM 49 and 166).
6. Efficiency of distributed and massed practice (W. & S. 787, B. J. U. 318).
7. Bilateral transfer - Mirror tracing or cup and ball catches (W. & S. 741, B. J. U. 330).
8. Transfer in Maze learning (W.&S. 748).
9. Habit interference (W.&S. 763).
10. Serial position effect in verbal learning (W. & S. 711, B. J. U. 690, MRD 549).
11. Retention for completed and interrupted tasks Zeigler effect (W. & S. 692).
12. Retention as a function of meaningfulness (W. & S. 731, B. J. U. 460, MRD 560).
13. Retentive inhibition (W.& S. 761, B.J.U. 554).
14. Problem solving as function of set - anagrams of water-war problems (W. & S. 614, B. J. U. 583, 597).
15. Conditioning of hand withdrawal of study the establishment and extinction of a conditioned hand withdrawal response (W. & S. 572, B. J. U. 355, MRD 262).

#### Test Exercises

1. Koh's Block Design Test.
2. Alexander's Pass Along Test.
3. Stanford Binet (Indian Adaptation).
4. Porture Maze Test.
5. Pintner Teterson Performance Scale.
6. Drever-Collins Performance Scale.
7. Draw-a-man Test (Psamila Phatak).
8. Bhatia Test of Intelligence.
9. Finger Dexterity Test.

27

27

**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

Subjects : Psychology  
Faculty : Arts  
Class : M.A. Part - I  
Nature of Subject : Entire Psychology

**PAPER -III PSYCHOLOGICAL RESEARCH AND MEASUREMENT**

**Main Objectives :**

- \* To provide an overview of scientific approaches to psychological research in terms of sampling techniques, scientific method.
- \* To acquaint the students with respect to nontesking approaches like interviews and quitionnaires.

**The Scheme of question Paper :**

1. The paper will consist of Five units.
2. There will be two chapter in each unit.
3. Every chapter in the unit should be given equal weightage in the examination.
4. Question paper should be drown with the 'Internal option' in such a way that students should not omit any chapter.

**Marking scheme :**

Total marks : 100  
Each unit carry equal marks in the question paper.  
Each chapter in the unit should have equal weightage of 10 marks.

**The paper will consist of the following five unites.**

**Unit - I**

Chapter : 1. Science and Scientific Approach  
Chapter : 2. Problem, Hypotheses and Research Designs

**Unit - II**

Chapter : 3. Sampling and Randomness  
Chapter : 4. Survey Research

**Unit - III**

Chapter : 5. Interview and Interview schedules  
Chapter : 6. Observation of Behaviour and sociometry

**Unit - IV**

Chapter : 7. Laboratory Experiments, Fields Experiment and Field Studies  
Chapter : 8. Psychological Test

Unit - V

Chapter : 9. Ethical Considerations and Computers in Research

Chapter : 10. Communication in Psychology (Research Report Writing)

Unit - I

Chapter - 1 : Science and Scientific Approach

- \* Science and common sense
- \* Four methods of knowing
- \* Science and Its functions
- \* The aims of science, scientific explanation and theory
- \* Scientific Research : Definition
- \* The scientific approach
  - Problem - Obstacle - Idea
  - Hypothesis
  - Reasoning - Deduction
  - Observation - Test Experiment
- \* Social research - Meaning : Definition
  - Characteristics of social research
  - Types of social research

Chapter - 2 : Problem, Hypotheses and Research Designs

- \* Problem
  - Criteria of Problems and Problem statements
- \* Hypotheses
  - The importance of problems and hypothesis
  - Problems, Values and Definitions
- \* Generality and specificity of behaviour research and problems
- \* Research design : Definition, purpose functions of research design

Unit - II

Chapter - 3 : Sampling and Randomness

- \* Sampling, random sampling and Representativeness
- \* Randomness
- \* Randomization
- \* Sample size
- \* Kind of sample
- \* Advantages, disadvantages of sampling
- \* Sampling error

24

Chapter - 4 : Survey Research

- \* Types of surveys
  - Interviews and schedules
  - Other types of survey research
- \* The methodology of survey research
  - Checking Survey, Data and four studies
- \* Applications of survey
- \* Advantages and disadvantages of survey research
- \* Meta - Analysis

Unit - III

Chapter - 5 : Interview and Interview Schedules

- \* Interview and schedules as a tools of science - Interview
- \* The interview schedules
  - Kinds of schedule Information and Items
- \* Criteria of Question Writing
- \* The value of Interview and Interview Schedules
  - Focus group and group interviewing
- \* Type of interview
- \* Advantages and disadvantages of interview

Chapter - 6 : Observation of Behaviour and Sociometry

- \* Problems in observing behaviour
  - The Observer, Validity and Reliability, Categories, Units of Behaviour.
  - Coperactiviness Observer Inference, Generality or Applicability
  - Sampling of Behaviour
- \* Rating scale : Types of rating scales
  - Weaknesses of reating scales
- \* Examples of observation systems
- \* Assessment of behavioural observation
- \* Sociometry :
  - Sociometry and Sociometry Choice, Methods of Sociometric Analysis.
  - Sociometry Metrics, Socio Game, Sociometric Indices, Research use of Sociometry

Unit - IV

Chapter - 7 : Laboratory Experiments, Field Experiment and Field Status

- \* A laboratory experiment : Miller studies of the learning o visceral responses
  - \* Two field experiments
- 25

- \* A field study
  - Characteristics and criteria of laboratory experiments, field experiments and field studies
  - Strengths and weaknesses of laboratory experiments
  - Purpose of the laboratory experiments
  - The field experiments
  - Strengths and weaknesses of field experiments
  - Field studies, type of field studies
  - Strengths and weaknesses of field experiments

- \* Qualitative research

**Chapter - 8 : Psychological Test**

- \* Definitions and types of test
- \* characteristics of good test
- \* Reliability, Validity and Norms
- \* Reliability and Its types
- \* Validity and Its types
- \* Norms and Its types
- \* Application of psychological test
- \* Administrator, Scoring and Interpretation of test score

**Unit - V**

**Chapter -9 : Ethical Considerations and Computers in Research**

- \* Fiction and Reality
  - A Beginning ?
  - Some general guidelines
  - Guidelines from the A.P.A.
- \* Computer in research
  - Introduction, Special Features of Computer, Functions Possible with Computer, Computer Application, Use of Computer in Research, Software Packages for Data Analysis
- \* Research support and consultancy service in India
- \* The Internet and Research

**Chapter -10 : Communication in Psychology (Research Report)**

- \* Introduction
- \* Targeted group of report and types of report
- \* Guidance for effective writing
- \* Structure for effective writing



26

\* Structure of research report

Title page, Abstract

\* Introduction

Objectives, Searching the Psychological Literature.

\* Methods

\* Results

Reporting statistics, Presenting data in Tables, Presenting data in Figures

\* Discussion

\* References

\* Appendixes

\* Author note, Footnotes

\* Order of Manuscript pages

\* Oral Presentations

\* Research Proposals

25

**Books**

1. Kirlinger F.N. and Lee H.B. (2000): 'Foundations of Behavioural Research' 4th Ed.  
New York, Harcourt College Pub.—  
Chapter : 1,2,8,17,24,25,29,30,31, Appendix - A
2. Sharma K.R. (2002) : 'Research Methodology' New Delhi, Nationa Pub. House.  
Chapter : 14
3. Shaughnessy J.J. and Zechmeister B.E. (1997) : 'Research Methods in Psychology'  
New York, The McGraw Hill. (Appendix - C.)
4. Shah V.P. (1988) : 'Reporting Research' Uni. Granthnirman Board Guj.  
Chapter : 1
5. Anastasi A. (1988) : 'Psychological Testing' New York, The McGraw Hill.

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**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

**Subjects :** Psychology  
**Faculty :** Arts  
**Class :** M.A. Part - I  
**Nature of Subject :** Entire Psychology Paper - IV  
**PAPER -IV CLINICAL PSYCHOLOGY**

**Main Objectives :**

- \* This paper focuses on the contribution of different theoretical approaches to psychopathology to the area of clinical and community interventions and aims.
- \* To train students in different approaches to counselling and psychotherapy.

**The Scheme of question Paper :**

1. The paper will consist of Five units.
2. There will be two chapter in each unit.
3. Every chapter in the unit should be given equal weightage in the examination.
4. Question paper should be drawn with the 'Internal option' in such a way that students should not omit any chapter.

**Marking scheme :**

- Total marks : 100
- Each unit carry equal marks in the question paper.
- Each chapter in the unit should have equal weightage of 10 marks.

**The paper will consist of the following five unites.**

**Unit - I**

Chapter : 1. Clinical Psychology Definitions and History

Chapter : 2. Models of Clinical Psychology

**Unit - II**

Chapter : 3. Assessment in Clinical Psychology

Chapter : 4. Testing in Clinical Psychology

**Unit - III**

Chapter : 5. Interviewing in Clinical Psychology

Chapter : 6. Observation in Clinical Psychology

**Unit - IV**

Chapter : 7. Clinical Intervention : Overview and Psychodynamic Models

Chapter : 8. Clinical Intervention : Behavioural and Phenomenological Models

**Unit - V**

Chapter : 9. Clinical Child Psychology

Chapter : 10. Professional Issues in Clinical Psychology

**Unit - I**

**Chapter - 1 : Clinical Psychology Definitions and History**

\* Some attempts at Definition

Nature of clinical psychology

\* Clinical psychologists at work

\* The roots of clinical psychology

\* Between the war and the postwar explosion

**Chapter - 2 : Models of Clinical Psychology**

\* The value of models

\* Some cautions about models

\* The Psychodynamic Model

\* The Phenomenological Model

\* The Interpersonal perspective

\* Biological Challenges

Psychological Models

\* The popularity of clinical models

**Unit - II**

**Chapter - 3 : Assessment in Clinical Psychology**

\* Component of the clinical psychology

\* The goals of clinical assessment

\* Collecting assessment data

\* Processing assessment data

\* The behavioural approach to assessment

**Chapter - 4 : Testing in Clinical Psychology**

\* What is a test ?

\* What do test measure ?

\* Test construction procedures

\* Major types of test

\* The status of testing in clinical psychology

**Unit - III**

**Chapter - 5 : Interviewing in Clinical Psychology**

\* What is an Interview ?

- 32
- \* Clinical interview situations
  - \* Stage in the interview
  - \* Communication in the interview
  - \* Research on the interview
  - \* Reliability and Validity of interview data

#### **Chapter - 6 : Observation in Clinical Psychology**

- \* Some historical notes
- \* Approaches to clinical psychology
- \* Controlled observation
- \* Evaluation of observational assessment

Reliability and Validity

#### **Unit - IV**

#### **Chapter - 7 : Clinical Intervention : Overview and Psychodynamic Models**

- \* What is Psychotherapy ?
- \* Models of Therapy
- \* Evaluation of therapeutic intervention
- \* Practical problems in psychotherapy research
- \* Community Psychology
- \* Psychodynamic Models

Psychoanalytic Treatment

The Goals of Psychoanalytic Treatment

Psychoanalytic Treatment Techniques

Variations of Psychoanalysis

#### **Chapter - 8 : Clinical Intervention : Behavioural and Phenomenological Models**

- \* Behavioural Models

Foundations of behavioural modification

Contemporary behaviour - Therapy Techniques

- \* Phenomenological Models

The client-centered therapy of Carl Rogers

The Gestalt Therapy of first perls

Other Phenomenological Therapies

#### **Unit - V**

#### **Chapter -9 : Clinical Child Psychology**

- \* Issues unique to Clinical Child Psychology
- \* Classification of childhood disorders
- \* Clinical assessment of childhood and adults disorders

32

34

- \* Treatment of childhood disorders
- \* The future of clinical child psychology

**Chapter -10 : Professional Issues in Clinical Psychology**

- \* Professional Training
- \* Professional Regulations
- \* Professional Ethics
- \* Professional Independence
- \* Perils of professionalism
- \* The future of clinical psychology

**Books**

1. Michael T. Nietzel, Douglas A. Bernstein, Richard Milich (1994) : 'Introduction to Clinical Psychology' 4th Ed. Prentice Hall, Englewood Cliffs, New Jersey.  
Chapter: 1,2,3,4,5,6,7,8,9,10,11,14.

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**NORTH GUJARAT UNIVERSITY**  
**U.G.C. Model Curriculum Force from June'2002**

**Subjects :** Psychology  
**Faculty :** Arts  
**Class :** M.A. Part - I  
**Nature of Subject :** Entire Psychology Paper - IV (Optional Paper)

**✓ PAPER -IV INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

**Main 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.

**The Scheme of Question Paper :**

1. The paper will consist of Five units.
2. There will be two chapter in each unit.
3. Every chapter in the unit should be given equal weightage in the examination.
4. Question paper should be drawn with the 'Internal option' in such a way that students should not omit any chapter.

**-Marking scheme :**

- Total marks : 100
- Each unit carry equal marks in the question paper.
- Each chapter in the unit should have equal weightage of 10 marks.

**The paper will consist of the following Five unites.**

**Unit - I**

Chapter : 1. Introduction and Techniques

Chapter : 2. Consumer Psychology

**Unit - II**

Chapter : 3. Personal Psychology

Chapter : 4. Employee Selection

**Unit - III**

Chapter : 5. The Evalllution of Performance

Chapter : 6. Training and Development in Organizations

**Unit - IV**

Chapter : 7. Leadership in Organizations

Chapter : 8. Motivation and Job Satisfaction

**Unit - V**

Chapter : 9. Conditions of Work, Engineering Psychology

Chapter : 10. Stress at Work

32

Unit - I

Chapter - 1 : Introduction and Technique

\* Introduction

A brief history of industrial psychology

Definition, Scope and Method

Areas of industrial psychology

The profession of industrial psychology

\* Research methods of industrial psychology

Methods of data collection

The experimental method

Observational method

Survey methods

Chapter - 2 : Consumer Psychology

\* Introduction, scope of consumer psychology

\* Research methods in consumer psychology

\* Behavioural studies

\* Television programming research

The seller

The consumer

Unit - II

Chapter - 3 : Employee Selection : I - Principles & Techniques

\* Introduction - Organizational Entry

\* The recruitment process and job previews

\* Overview of the selection process

\* Job analysis

\* Methods of selection

\* Biographical introduction

Standard application blanks

Weighted application blanks

\* Interviews

Unstructured and structured interview

Problems of interview

\* Reference and letters of recommendation

Chapter - 4 : Employee Selection : II - Psychological Testing

\* Introduction : What is Psychological Test ?

\* Purpose of psychological tests

\* Characteristics of psychological tests

- \* Types of psychological tests
  - Administration and Behaviour Measured
- \* Advantages, Limitations and Dangers of psychological testing
- \* Attitudes toward psychological testing programmes

**Unit - III**

**Chapter - 5 : The Evaluation of Performance**

- \* Introduction
- \* Purposes of performance evaluation
- \* Techniques of performance evaluation
- \* Performance evaluation for production and non-production jobs
- \* Sources of error in performance evaluation
- \* Performance evaluation of executives

**Chapter - 6 : Training and Development in Organization**

- \* Introduction
- \* The scope of organizational training
- \* Specifying objectives of training
- \* Training methods for non-supervisory employees
- \* Training methods for managers
- \* Career development and planning
- \* Evaluating training and development programmes

**Unit - IV**

**Chapter - 7 : Leadership in Organization**

- \* Introduction
- \* Changing view of leadership
- \* Approches to the study of leadership
- \* Leadership styles
  - Headship versus leadership
  - Authoritarian versus democratic
- \* The role of power in leadership
- \* Functions of leaders in the organization
- \* Characteristics of leaders in the organization
  - First live supervisors
  - Executives
- \* Pressures and problems of leadership
- \* Women in management

**Chapter - 8 : Motivation and Job Satisfaction**

- \* Introduction
- \* The new breed of American Workers



37

\* Motivaion

The need achivement theory

The need hierarchy theory

\* The ERG theory of work motivation

\* The motivator-hygiene thoery of motivation and job satisfaction

\* Job setisfaction : A measure of the quality of working life

\* Personal characteristics and job satisfaction

\* Job satisfaction and behaviour on the job

**Unit - V**

**Chapter -9 : Conditions of Work and Time-Motion Study**

\* Introduction

\* Physical conditions of work

\* Illumination, Noise, Color, Musics, Temperature and Humidity, Indor Pollution

\* Temporal conditions of work

Hours of work, Permement, Part-time employment

The four day work week, Flexible working hours

\* Psychological conditions of work

Bordom, monotomy, fetigue

\* Time and motion study

\* Man-machine systems

**Chapter -10 : Stress at Work**

\* Introduction : The nature of stress

Individual difference in vunerability to stress

\* Causes of stress at work

\* Effects of stress at work

\* Dealing with stress at work

Organizational techniques

Individual techniques

**Books**

1. Duane P. Schultg (1982) : 'An Introduction to Industrial and Organizational Psychology' New York, McMillon Pub.  
Chapter: 1,2,3,4,5,6,7,8,10,11,13,14.
2. E.J. McCurmick & D.K. Ilgen (1987) 'Industrial Psychology' 6th Ed. New Delhi, Prrntice Hall.

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