

NORTH MAHARASHTRA UNIVERSITY, JALGAON
SYLLABUS FOR S. Y. B.Sc. PSYCHOLOGY
SUBJECT - PSYCHOLOGY
TITLE - EXPERIMENTAL PSYCHOLOGY (PAPER-I)
With Effect From June 2004

Chapter 1 - The Scope Experimental Psychology

- 1.1 Experimental Psychology as a method
- 1.2 Variables
 - a) Independent, Dependent, Relevant
 - b) Qualitative and Quantitative, Stimulus and Response and Variables
- 1.3 Experimental Control of Variables
- 1.4 Experimental and Control Group
- 1.5 Statistical Significance of Experimental Results
- 1.6 Description and Explanation

Chapter 2 - The Psychophysics Method

- 2.1 The basic problems of Psychophysics
- 2.2 The method of limit
- 2.3 The method of constant stimuli
- 2.4 The method of average errors

Chapter 3 - Audition

- 3.1 The auditory stimulus physical dimensions of auditory stimulus
- 3.2 Determination of auditory area
- 3.3 Attributes of auditory experience
- 3.4 Physiological basis of pitch and loudness
- 3.5 Localization of sounds

Chapter 4 - Vision

- 4.1 The visual stimulus, The dimensions of color
- 4.2 Stimulus Mixture
- 4.3 After images
- 4.4 Dark Adaptation
- 4.5 Light Adaptation
- 4.6 The duplicity theory

Chapter 5 - Perception of color and form

- 5.1 Modes of appearance of colors
- 5.2 The color of objects
- 5.3 Color constancy, color blindness
- 5.4 Color contrast
- 5.5 Figure and ground perception

Chapter 6 - Reaction time and association

- 6.1 Reaction Time, Judgement Time and Latency
- 6.2 Types of RT and Determinants of RT
- 6.3 Association - Concept of Association
- 6.4 Types of Verbal Classification of Association Experiments
- 6.5 Clinical and Diagnostic Use of Association

Chapter 7 - Measurement of Learning

- 7.1 Definition of basic terms
- 7.2 Types of learning
- 7.3 Measurement of learning, learning curves
- 7.4 Conditioning main concepts, parameters of conditioning experiment
- 7.5 Types of conditioning experiments

Chapter 8 - Experimental Study of Human Learning

- 8.1 The basic variables in learning experiments
- 8.2 Effect of serial position
- 8.3 Set of motivation distribution of work
- 8.4 Individual differences among learners

Chapter 9 - Retention, Forgetting, Transfer

- 9.1 The measurement of retention, Recall, Recognition, Relearning, Reconstruction, Speed of Response
- 9.2 The determinants forgetting
- 9.3 Types of Transfer
- 9.4 What is transfer in transfer of training
- 9.5 Cross Education

Chapter 10 - Psychological Testing

- 10.1 What is Psychological Test ?
- 10.2 Kinds of Test
- 10.3 Characteristics of Good Test
- 10.4 Decisions from the test (e.g. Mental Testing, why what and how)
- 10.5 Measurement Intelligence (only)
- 10.6 Special aptitudes and personality measurement

TEXT BOOKS

1. Leo Postman and James P Egan, Experimental Psychology,
2. AM R. D. Amato, Experimental Psychology, TMH Edition only for I and II topics
3. Morgan King Robinson, Introduction to Psychology, McGraw Hill International Book Company, Sixth Edition

REFERENCE BOOK

1. Experimental Psychology - Underwood, Woodworth
2. Experimental Psychology - Schosberg
3. Experimental Psychology - V. K. Khothurkar and S J Vanarase

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SYLLABUS FOR S. Y. B.Sc. PSYCHOLOGY
SUBJECT - PSYCHOLOGY
TITLE - ORGANIZATIONAL BEHAVIOUR (PAPER - II)
With Effect From June 2004

Objectives -

1. The course will familiarise students.
The behaviour of individuals alongwith other organization assets.
2. Students were familiarise themselves with the skills, techniques and their implications.

Chapter 1 - Historical Context of Organizational Behaviour

- 1.1 Definitions of Organizational Behaviour
- 1.2 Challenges for Organizational Behaviour
- 1.3 Scope and Opportunities for Organizational Behaviour

Chapter 2 - Perspective for understanding Organizational Behaviour

- 2.1 Open System Approach
- 2.2 Human Relations Perspective
- 2.3 Socio-Technical approach
- 2.4 Developing an O.B. Model responsive to Indian Realities

Chapter 3 - Person in the Organisation

- 3.1 Biographical Characteristics
- 3.2 Personality Definition and Measurement
- 3.3 Major Personality attributes affecting Organizational Behaviour
- 3.4 Matching Personality and Job
- 3.5 Personality and Culture

Chapter 4 - The Individual and Organization

- 4.1 Values, Attributes and Job Satisfaction
- 4.2 Importance and Sources of Values
- 4.3 Attitudes - Sources, Types and Measurement of Attitudes
- 4.4 Skills involved in Changing Attitudes

Chapter 5 - The Individual in the Organization

- 5.1 Motivation - Concept, Need Hierarchy Theory
- 5.2 Theory X and Y and Two Factory Theory
- 5.3 Skills involved in motivating workers
- 5.4 MBO, Behaviour Modification
- 5.5 Employee Involvement Programs

Chapter 6 - The Group and Organisation

- 6.1 Nature, Types and Stages of Group Employment
- 6.2 Conditions affecting Group Functioning
- 6.3 Organizational Structure, Authority System
- 6.4 Personnel Selection, Performance
- 6.5 Evaluation, Reward Systems, Organizational Culture, Physical Setting

Chapter 7 - Communication in Organizations

- 7.1 Communication Model
- 7.2 Barriers and Sources of Distortions
- 7.3 Direction and Network Communication
- 7.4 Communication and Decision Making
- 7.5 Skills involved in Communication and Listening

Chapter 8 - Leadership in Organization

- 8.1 Nature and Types
- 8.2 Behavioural Theories - Contingency Theories and Contemporary issues in Leadership
- 8.3 Leadership and Power - Bases of power and power in action
- 8.4 Skills involved in managing politicking

Chapter 9 - Conflict Negotiation and Stress in Organizations

- 9.1 Nature, Sources and Techniques of Managing Conflict in Organization
- 9.2 Negotiation Strategies
- 9.3 Work Stress - Sources and Techniques in Managing Stress
- 9.4 Skills involved in Managing Stress
- 9.5 Conflict and Negotiations

Chapter 10 - Organizational Change and Development

- 10.1 Nature, Forces and approaches to change management
- 10.2 Organizational Development
- 10.3 Cultural issues in change in development
- 10.4 Skills in managing changing at individual level

READINGS

1. Robbins S. P. Organizational Behaviour, 9th Edition, New Delhi, Prentice Hall of India
2. Pfeffer J. (1994) Competitive Advance through People . Unleashing the power of work force, Boston : Havarel Business School Press
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