

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Revised Syllabus for S.Y.B.Sc. Psychology

with effect from July 1998

Psychology Paper-I: Experimental Psychology (Theory)

1. Cutaneous sensitivity
 - The Pressure sense
 - The pain sense
 - The Temperature senses
 - Cutaneous Receptors
2. Smell and Taste
 - Smell
 - Taste
 - The common chemical sense.
3. Perception of space
 - Sensory systems in space perception
 - Basic visual conditions
 - The spacial Framework
 - Perception of Distance
 - Perception of Size
 - Size constancy
4. Perception of Movement
 - Physical movement and perceived movement
 - Perception of moving stimulus
 - Apparent movement
 - Auditory and Tactile stimuli to perceived movement.
 - Autokinetic and Induced movement
5. Experimental Analysis of Judgment
 - The Tasks of Analysis
 - Types of Judgments.
 - The Expression of Judgment
 - Stimulus scales and Response scale.

- Some General Principles of Judgment
 - Reliability and Validity of Judgment.
6. The Emotional Behaviour
- The Nature of Emotional States
 - Differentiation of emotional states
 - Some measures of physiological changes in Emotion.
 - Facial Expression of emotion.
7. Instrumental Training
- Nature of instrumental Training
 - Main types of instrumental conditioning
 - Reinforcement, secondary reinforcement
 - Reinforcement schedules
 - Amount of Reinforcement
8. Thinking
- Thinking process images verbal thinking.
 - Concepts Types of concepts.
 - Factors affecting concept attainment
 - Problem solving
 - Decision making
 - Creative Thinking
9. Attention and verbal Learning
- Nature of attention
 - Determining factors in attention
 - Attention/Apprehension span.
 - Changes and Movements of attention :
Its shifts and fluctuations
 - Distraction
 - Division of attention

Verbal Learning -

Nature, the subjects, The materials

The Tasks.

10. Psychological Testing

- What is a psychological Tests ?
- Kinds of Test
- Characteristics of a Good Test
- Decisions from Test (e.g. mental Testing why, what and how)
- Measurement of Intelligence (only)
- special Aptitudes and personality measurement

11. Behaviour in Social Situations.

- The formation of Norms
- Suggestion and suggestibility
- The Determinants of suggestibility
- Work in group situation.

Test Books

1. Leo postman and James P. Egan., Experimental Psychology, Harper & Brothers Publishers New York (Chapters 1,2,3,4,5,6 12)
2. Morgan Kind Robinson . Introduction to Psychology. Sixth edition McGraw-Hill, International Book Company, (Chapters 8,10).
3. V.K. Koturkar S.J. Vanarase - Experimental Psychology. A systematic introduction, Wiley Publication, (Chapter 7,9).
4. M.R. D.Amato, Experimental Psychology, T.M.H. Edition. Tata McGraw -Hill Publication, (Chapter 9, Gerbal).

Reference Books

1. Candland and Moyer, Psychology the experimental Approach. (McGraw-Hill)
2. Woodworth and others - Experimental Psychology. Oxford IBH.

S.Y.B.Sc. Psychology
Paper-II: Psychology of Organizational Behaviour (Theory)

1. Introduction to organisational Behavior-
 - Forces leading to the popularity of organizational behavior.
 - Characteristics of Organisational Behaviour
 - Understanding behaviour in Organization.
 - Management and leadership.
 - Key elements of Organizational Behaviour
 - Management skills and Organizational goals.
2. Organizational Goals and Social systems :
 - Material Goals
 - Human Goal
 - Nature of Man
 - Theory 'X'
 - Theory 'Y'
 - Determinants of Organizational Behaviour
 - Ingredients of Social System
 - Equilibrium
 - Culture
 - Leadership
 - Role and Status
3. Organizational Environment :-
 - Organizational Philosophy.
 - Superior style of life and expectations.
 - Philosophy of Unions.
 - Communications
 - Formal organizations.
 - Informal Organizations
 - role of Informal leader
 - Primary Role
 - Compensatory role.

- F- Functions of informal groups
 - Advantages and Disadvantages of informal groups.
 - Organizational constituents of the environment.
4. Motivation :
- A basic Psychological Process
 - Motivated Behaviours
 - Defense Mechanisms
 - Classification of Motives
 - Achievement motive
 - Characteristics of high achievers
 - Increasing achievement motivation
5. Work Motivation :-
- Traditional views about motivation
 - Need Hierarchy - Maslow
 - Characteristics of self-Actualizers
 - Internal versus External Motives
 - Work and incentives
6. Attitudes and Job satisfaction :
- Definition
 - Methods
 - Job satisfaction
 - Perception of employee attitudes by Executives and Union Leaders.
 - Factors in Job-satisfaction
 - Personal Factors
 - Job Related Factors
 - Factors under Management Control.
 - Two factor Theory - Herzberg.
 - Alderfer's ERG Theory
 - A New look at Job satisfaction.
 - Tri-Dimensional Theory- Bhagwatwar.
 - Suggestions for Improving job satisfaction.

7. Organisational Morale :

- Definition
- Nature of Morale
- Distant or consequential Determinants of Morale
- Proximate Determinants of Morale
- Methods of Studying Morale
- External Correlates of Morale
- How to increase the Morale
- Attempts to improve morale.

8. Supervision and Leadership :

- Characteristics of Bureaucracy.
- Discipline
- Duties and responsibilities of supervisor.
- Attitudes of supervisors and employees towards supervision.
- Types of Leadership
- Trait to Leadership
- Some of the Behaviour of Effective Managers

9. Stress and Conflict :

- Nature
- Levels and conflict
- Intra personal a) Approach-Approach conflict
- b) Avoidance - Avoidance conflict.
- c) Approach - Avoidance conflicts.
- Interpersonal conflict - Organizational conflict
- consequences of Intergroup conflict -
 - i. Within group consequences ii. Between group consequences.
- The Johari Window
- Attitude towards conflict Resolution
- Prevention of Conflict.
- Resolution of Conflict.

- Labour Management Relations
 1. Motivational difference
 2. Differences in perceptions.
- Labour - Management Conflict.
- Prerogative of the Management
- Strategies of dealing with Labor Management conflict
 1. Employee Participation Advantages of Participation.
 2. Group Decision procedures—Group Decision and communication.
- Stage of effective group decision making procedures
 3. Problem - solving conferences
 4. Collective Bargaining
 5. Integrative Bargaining
- 10. Management Change :-
 - Macro Level Forces a) Large Scale Technological change
 - b) Rapid Social change c) Information Explosion. d) Participation Revolution e) Shrinkage of Time f) Morale g) Job Satisfaction.
 - Change process change cycle.
 - Planning for implementing change
- 11. Strategies of change :
 - Management Development
 - Organizational Development
 - Strategies of changes
 - Time and motion studies
 - Job Rotation
 - Job Enlargement
 - Job Enrichment.
 - Traditional Forms of MBO
 - Survey Feedback.
 - Team building
 - Process consultation
 - Laboratory Training
 - Socio-Technical Systems.

Text Book

1. Bhagwatwar P.A.-Organizational Behaviour - Vidyarthi Griha Prakashana.

Reference Books

1. Robins - Organizational Behaviour (second edition) - Prentice Hall.
2. Keith Devis Human Behaviour at work (Sixth edition) TMH.
3. Hollorn - Applied Human Relations - Prentice Hall.
4. Luthans - Organizational Behaviour - McGraw-Hill.
5. Korman - Organizational Behaviour- Prentice Hall.
6. Dwireali - Organizational Behaviour - Oxford.
7. Mile - Organization strategy structure and Process, McGraw-Hill.
8. Porter Lower - Behaviour in Organization - McGraw Hill.

S.Y.B.Sc. Psychology

Paper-III: Experimental Psychology (Practical)

- A) Students should perform at least 16 experiments from the following:
1. Measurement of cold, warmth pressure and pain spots.
 2. Size constancy
 3. Phi - Phenomenon.
 4. Depth Perception
 5. Anchoring of Judgments
 6. Measurement of Emotions from facial expression
 7. Jackson's personality Test
 8. Aptitude Test
 9. Attitude Test
 10. Problem Solving
 11. Verbal conditioning
 12. Concept formation
 13. Span of attention /Division of Attention.
 14. Intelligence Test (Possalong Test)
 15. Speed of Learning as a function of amount of learning material
 16. Human maze learning.
 17. Effect of Punishment on learning.
 18. Effect of knowledge of Result on learning.
 19. Habit interference
 20. Creativity Test
 21. Anxiety Scale
 22. Color preference.
- B) Statistics : Standard error of mean and median S.D. Percentiles, percentiles ranks, chisquare (Any simple problem be asked on above topics)

Books Recommendation (for experiments)

1. Experiments in Psychology - Mohasin
2. Experiments in Psychology - Jalota
3. Experiments in Psychology - Parameswari
4. Experiments in Psychology - Postman, Engan
5. Experiments in Psychology - Woolworth and Others (Oxford IBH)
6. Psychological Testing - Freeman

Books for Statistics

1. Statistics in Education and Psychology - Garret
2. Measurement and Evaluation and Psychology and Education - Astana, Agrawal, (Vinod Pustak Mandir, Agra).

Note:- Practical Examination in Psychology will be held annually. A batch of maximum twelve students. Will be constitute one batch. Every batch will conduct the experiment twice in a week. Duration of the practical will be a four hours in which candidates will perform, conduct and write any one experiment allotted to him/her with statistical problem and viva. The division of marks for practical examination is as follows:

Journal = 20, Statistics = 20, Instructions and conduct = 20, Report Writing = 20, Viva = 20 : Total marks 100 (Hundred).

"The visit to industry organizations, mental or general hospitals, ashram school, Psychological clinics or remand homes etc. is compulsory and student will write the report of the study tour or trip".

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