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North Maharashtra University, Jalgaon.

Syllabus for S.Y.B.Sc. Psychology

Semester System

| Name of the Subject | Paper | Semester |
|---|--------------|-----------------|
| Research Methodology | Paper -I | Sem-III |
| Experimental Psychology & Testing | | Sem-IV |
| Organization Behavior | Paper-II | Sem-III Sem-IV |
| Experimental Psychology & Statistics (Practical) | Paper-III | Sem-III Sem-IV |

With effect from June-2017

NORTH MAHARSHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.Sc. Psychology
With Effect from June-2017-
18 SEMISTER-III Paper -I
Title of Paper: Research Methodology
Total marks: 60

Periods: 60

Objectives:-

1. To provide an overview of scientific research, Sampling technique, Methods & Research design to the students.
2. To acquaint the students with the general and special abilities
3. To acquaint the students with respect to psycho-physics, reaction time & association

Periods Marks

Unit. 1 – Scientific Research Methods **15 15**

- 1.1 Nature and Definition of Scientific Research Methods
- 1.2 Types of Scientific Research
- 1.3 Variable Definition & Types
- 1.4 Problem statement, Criteria, Resources & Hypothesis types
- 1.5 Hypothesis Definition and Types

Unit. 2 Sampling Design **15 15**

- 2.1 Census and Sample Survey
- 2.2 Steps in Sampling Design
- 2.3 Characteristics of a good sample design
- 2.4 Different Types of Sample Designs
- 2.5 Criteria of Selecting a Sampling procedure

Unit. 3- Research Method & Design **15 15**

- 3.1 Types of research design
- 3.2 Natural observation
- 3.3 Survey Research
- 3.4 The case study & Correlation research
- 3.5 Experimental Research

Unit. 4 Writing Research Proposal & Research Report **15 15**

- 4.1 Research Proposal: Problem, Definition & Limitation, Review of Literature, Hypothesis, Methods.
- 4.2 Research Report: Research Report Writing Steps, Report Structure.
- 4.3 Report Writing Style, Report Typing.
- 4.4 Time Schedule, Expected Results, References, Appendix.
- 4.5 Evaluation of Report.

SEMISTER-IV Paper -I
Title of Paper- Experimental Psychology and Testing
Total marks: 60
Periods : 60

| | Periods | marks |
|---|----------------|--------------|
| Unit.1 Sensory process – | 15 | 15 |
| 1.1 Some general characteristics of the sense | | |
| 1.2 The visual sense | | |
| 1.3 The auditory sense | | |
| 1.4 Other sense | | |
| 1.5 Cutaneous Sensitivity | | |
| Unit. 2 Reaction time & Association | 15 | 15 |
| 2.1 Reaction time: Judgment time and latency | | |
| 2.2 Types of reaction time & determinant of reaction time | | |
| 2.3 Association experiment | | |
| 2.4 Clinical & diagnostics use of association | | |
| 2.5 RT Applications | | |
| Unit 3: Techniques of Test Construction | 15 | 15 |
| 3.1 Nature & Definition of Psychological Test. | | |
| 3.2 Criteria of Standard Tests – A) Practical Criteria B) Technical Criteria | | |
| 3.3 Reliability: - Types of Reliability | | |
| 3.4 Validity: - Types Of Validity | | |
| 3.5 Characteristics of Standardise Psychological Test. | | |
| Unit.4- Psycho-physics | 15 | 15 |
| 4.1 Psycho-physics: Meaning, Nature and Definition | | |
| 4.2 Method of limits | | |
| 4.3 Method of constant stimuli | | |
| 4.4 Method of average error | | |
| 4.5 Error in Psycho-physical methods | | |

Books for reference-

- 1) Kothari C.R.(1980)Research Methodology, Methods & Technique,Wiley Eastern Ltd,New Delhi
- 2) Leo Postman & James P.Egan-Experimental psychology
- 3) Introduction to psychology Sixth Edition Ernest R Hilgard,Richard c. Atkinson Rita I. Atkinson
- 4) Research Methodology- 2nd edition Dr.S.L.Gupta,Hitesh Gupta
- 5) Kerlinger Fred.n. (1995)-2nd edition Foundation of Behavioral research

NORTH MAHARSHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.Sc. Psychology
With Effect from June-2017-
18 SEMISTER-III

Title – Organizational Behavior-
paper-II Total marks: 60
Periods: 60

Objective-

- 1) The course will familiarize students.
- 2) Students were familiarize themselves with the skills, techniques and their implications.

Periods Marks

Unit 1 – Organizational Behavior

15 - 15

- 1.1 Definitions of organizational Behavior.
- 1.2 Challenges for organizational Behavior.
- 1.3 Scope and Opportunities for organizational Behavior.
- 1.4 Managers, Management function, Management roles, Management skills.
- 1.5 Coming Attractions : Developing an OB Model

Unit 2-Foundations of Individual Behavior

15 - 15

- 2.1 Biographical Characteristics.
- 2.2 Personality Definition and Measurement.
- 2.3 Major Personality attributes affecting O.B
- 2.4 Matching Personality & jobs
- 2.5 Personality & Culture

Unit 3– Values, Attitudes and Job Satisfaction

15 - 15

- 3.1 Importance of Values, types of Values
- 3.2 Job Satisfaction
- 3.3 Measurement of Job Satisfaction
- 3.4 Attitudes source, types and measurement of attitudes.
- 3.5 Skills involved in changing attitudes.

Unit 4 Basic Motivation concept

15 - 15

- 4.1 Motivation- Concept, Definition of motivation
- 4.2 Theory of motivation. Hierarchy of Need Theory. Theory X & Y and two factor theory.
- 4.3 MBO, behavior Modifications.
- 4.4 Employee Involvement programmers.
- 4.5 Work & incentives

SEMISTER-IV
Title – Organizational Behaviour-paper-II
Total marks: 60
Periods: 60

| | Periods | Marks |
|---|----------------|--------------|
| Unit 1 Foundations of Group Behavior | 15 | 15 |
| 1.1 Nature, types and stages of group Employment. | | |
| 1.2 Conditions affecting group Functioning. | | |
| 1.3 Organizational structures, Authority System. | | |
| 1.4 Personal selection, performance. | | |
| 1.5 Evaluation, Reward system, Organizational culture, Physical settings. | | |
| Unit 2 Communication | 15 | 15 |
| 2.1 Communication model | | |
| 2.2 Barriers and sources of distortions. | | |
| 2.3 Direction and Network Communication. | | |
| 2.4 Communication and Decision Making. | | |
| 2.5 Current Issues in Communication | | |
| Unit 3 Conflict and negotiation | 15 | 15 |
| 3.1 Definition of conflict : Transition in conflict thought | | |
| 3.2 Functional & Dysfunctional conflict | | |
| 3.3 Definition of stress : Work stress – Source and Techniques in managing stress | | |
| 3.4 Negotiation – bargaining strategies | | |
| 3.5 Negotiation Process | | |
| Unit 4 Leadership in Organization: | 15 | 15 |
| 4.1 Characteristics of leader | | |
| 4.2 Nature & types. | | |
| 4.3 Behavioral theories-Contingency Theories and Contemporary issues in leadership. | | |
| 4.4 Leadership and Power-Bases of Power & Power in Action. | | |
| 4.5 Skills involved in managing politicking | | |

Books for reference:-

- 1) Robinson S.P., organizational Behavior, 9th edition, New Delhi, Prentice Hall of India..
- 2) Dunnet M.D. and Hough L.M. (1992) hand book of Industrial and Organizational Psychology (2nd edition), Polo altho: consulting psychology press.
- 3) Organizational Behavior-P.A.Bhagwatwar

NORTH MAHARSHTRA UNIVERSITY, JALGAON
Revised Syllabus for S.Y.B.Sc. Psychology -
With Effect from June- 17-
18 Semester III

Title of Paper: Experimental Psychology
& Statistics (Practical) Paper III
Total marks: 60
Periods: 60

Objectives:

1. To familiarized the students with the use of elementary statistical techniques.
2. To give practical experience to the students in administrating and scoring psychological tests.

Student should perform at least 8 experiments from the following

- 1) Reaction time
- 2) Multiple Choice Problem
- 3) Effect of knowledge of result on learning
- 4) Problem Solving
- 5) Measurement of emotion from facial experiment
- 6) Method of Limits
- 7) Method of Constant stimuli
- 8) Method of average error
- 9) Verbal conditioning
- 10) Recall & recognition

Statistics-Frequency distribution, Computation of mean, mode, median, S.D,

*Division of 40 Marks for Internal assessment should be as follows .

| | |
|-----------------------------|------------|
| Attendance and Behavior | - 10 Marks |
| Seminar / Demo Presentation | - 10 Marks |
| Test – I | - 10 Marks |
| Test – II | - 10 Marks |
| | ----- |
| Total | - 40 Marks |

Semester IV Paper III

Total marks: 60

Periods: 60

Student should perform at least 8 tests from the following

- 1) E.Q. Test
- 2) Personality Test (Eysenck, 16PF)
- 3) Aptitude Test
- 4) Intelligent Test (SPM, Bhatia's Performance Test)
- 5) Anxiety scale
- 6) Projective Technique
- 7) Habit interference
- 8) Attitude Scale
- 9) Marital Adjustment
- 10) Stress Scale

Percentile rank, Chi -square. Correlation-Rank difference, equal distribution

Books for experiment & Statistics-

- 1) Munn; Laboratory Manual in experimental psychology
- 2) Parmeswaran; Experimental psychology
- 3) Jalota; Elementary Experiment in psychology
- 4) Garret; Statistics in education & psychology

*Division of 40 Marks for Internal assessment should be as follows .

| | |
|-----------------------------|------------|
| Attendance and Behavior | - 10 Marks |
| Seminar / Demo Presentation | - 10 Marks |
| Test – I | - 10 Marks |
| Test – II | - 10 Marks |
| Total | - 40 Marks |

Note : - Practical examination will be held by semester Pattern. A batch of maximum (12) students will be constituted one batch and each batch will be conduct the practical twice in a week. Duration of the practical will be three clock hours in which candidate will perform, conduct an experiment and write its report allotted to him / her with statistical problem and viva.

External 60 Marks

The division of marks of practical examination is as follows.

External 60 Marks

| | |
|-----------------------------|----------|
| Journal: - | 15 Marks |
| Statistics: - | 15 Marks |
| Instructions and conduct: - | 10 Marks |
| Report Writing: - | 10 Marks |
| Viva:- | 10 Marks |
| Total: - | 60 Marks |

Internal Marks – 40

1.Experimental Psychology &Statistics (Practical) Semester III, Paper III & Semester IV, Paper III.

* A) Semester III Paper III

| | |
|-----------------------------|---------------------|
| Attendance and Behavior | - 10 Marks |
| Seminar / Demo Presentation | - 10 Marks |
| Test – I | - 10 Marks |
| Test – II | - 10 Marks |
| Total | ----- - 40 Marks |

* B) Semester IV Paper III

| | |
|-----------------------------|---------------------|
| Attendance and Behavior | - 10 Marks |
| Seminar / Demo Presentation | - 10 Marks |
| Test – I | - 10 Marks |
| Test – II | - 10 Marks |
| Total | ----- - 40 Marks |

Note: External Exam 60 Marks (University Level) Internal Exam 40 Marks (College Level)

S. Y. B. Sc. PSYCHOLOGY EQUIVALENT COURSE

| Sr. No | Paper | Old Course | New Course 2017-18 |
|---------------|--------------|---|---|
| 1 | Paper I | Research Methodology Sem-III, Experimental Research Methodology Sem IV | Research Methodology Sem-III, Experimental Psychology and Testing Sem IV |
| 2 | Paper II | Organizational Behavior Sem III Organizational Behavior Sem IV | Organizational Behavior Sem III Organizational Behavior Sem IV |
| 3 | Paper III | Experimental Psychology and Statistics (Practical) Sem – III Experimental Psychology and Statistics (Practical) Sem - IV | Experimental Psychology and Statistics (Practical) Sem – III Experimental Psychology and Statistics (Practical) Sem - IV |