

# **NORTH MAHARASHTRA UNIVERSITY, JALGAON.**

**Revised Syllabus For**

**T.Y.B.A. "PSYCHOLOGY"**

**General Paper - III (G-3) Applied Psychology**

**with effect from July, 1999.**

**1. The Concept of Applied Psychology :**

Nature, Definition, fields and scope of applied psychology, methods of applied Psy., Aims and objects of applied Psy; what do applied psychology do ?

**2. Our wants and Life - Styles :**

A basic Diagram of behaviour, Incentives, Motivational Theory, Environmental Psychology, our perceptions of being crowded, crowding and Territoriality Community size and life - styles, Urban, Rural, tribals and nouades.

**3. Making the most of our abilities :**

Psychological Testing, Special abilities & Training and Education, Efficiency in study, Motivation for Study Schedule, Physical setting for study; making an assignment meaningful, Recitation, Review Taking lecture notes, Increasing efficiency, in learning, study skills, preparing and taking examination, Reading.

**4. Counselling and guidance :**

The Search for identify, useful generalization about counselling, some precounselling thinking, Guidelines relating people and jobs, Vocational selection - A two way street, The employer's, employee selection problems, Counselling interview. Nature of Counselling interview, Types of counselling interview family and marriage counselling sources of job possibilities.

**5. Psychology of Crime :**

Nature and identification of criminal behaviour, personal and environmental factors in crime, Determinants of criminal behaviour; treatment of offenders, parol, probation, incarceration. The lie detector, Suicide, Criminal trioes Computer Crimes.

**6. Psychology In Sports :**

Concept, nature, role of Psychologist, Psychology of coaching, coaching strategies, personality and athletic performance, Motivational direction, other determinants of atheiefic performance, attentional demands audience effect, sport violence, types, causes reduction, Behaviour modification future directions, Mental health. Women In Sports.

**7. Business and Industry :**

Work within a system, the anatomy of the modern company. The organization chart, Pros and Cons of Size, Status at different ranks, women at work, Labour Unions. Man related to other man. The Structure of Organization, Communication, Verbal and written, employee participation, supervision.

**8. Human aspect of work :**

Work as a way of Life - Common characteristics of work, fatigue, its effects on human performance Industrial fatigue, meaning, definition, and nature of fatigue, The work curves, mental fatigue, reduction of fatigue. Job analysis, methods and uses of job analysis.

**9. Man - and machines :**

Equipment design. Sensory inputs, outputs Motion and time study, Hawthorn Studies, accidents and safety, Definition of an accident. The causes of accidents, Human factors in accidents, accident reduction, organizational climates, determiners of climate.

**10. Consumer Psychology :**

The role of consumer Psychologist, The scope of consumer psy. Development of consumer Psy. Some early studies. Advertisements, Characteristics of goods advertisement, factor affecting advertisement, methods of a evaluation of advertisement. Television Research.

**Text**

- \* Applied Psychology Gilmeare (TMH. 1978)
- \* Applied Psychology Brown, Bemien, Russell (Amer Publishing Company)
- \* Filds of Applied Psy by A Bhattacharya  
Anne, Ariastusi
- \* Modern Applied Psy by Annostacy  
उपयोजित मानसशास्त्र डॉ. पलसाने.  
उपयोजित मानसशास्त्र चिटणीस, देसाई, नाहर.  
उपयोजित मानसशास्त्र डॉ. भागवतवार.
- Principals of Criminology Sutherlands (6 th edition)**  
औद्योगिक कर्मचारी मानसशास्त्र डॉ. पंढरीपाडे.  
क्रिडा मानसशास्त्र आलेगांवकर  
क्रिडा मनोविज्ञान सुकुमार बोस
- \* Sport Psy by Sukumar Bose, and 1966.

# **NORTH MAHARASHTRA UNIVERSITY, JALGAON.**

**Revised Syllabus For**

**T.Y.B.A. "PSYCHOLOGY"**

**General Paper - III (G-3) (Optional Course)**

**Psychology of Organizational Behaviour.**

**with effect from July, 1999.**

**1. Introduction to Organizational Behaviour :**

- Forces leading to the popularity of Organizational behaviour.
- Characteristics of Organizational 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 Goals.
- 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's Style of life and expectations.
- Philosophy of unions.
- Communications
- Formal Organizations.
- Informal Organizations.
- Role of Informal Leader.
- Primary Role.

- Compensatory Role.
- Functions of Informal Groups.
- Advantages and Disadvantages of Informal Groups.

**4. Motivation and Work Motivation :**

- A basic Psychological Process.
- Motivated behaviours.
- Classification of Motive.
- Achievement Motive.
- Characteristics of high achievers.
- Need Hierarchy - Maslow.
- Characteristics of Self Actualizers.
- Internal Verses External Motives.
- Work and Incentives.

**5. Attitudes and Job Satisfaction :**

- Defination.
- Methods.
- Job Satisfaction
- Perception of employee attitudes by Executives and Union Leaders.
- Factors in job satisfaction ( Personal, Job related.)
- Factors under Management Control.
- Two factor theory - Herzberg.
- Alderfer's ERG Theory.
- Tri - Dimensional theory - Bhagwatwar.

**6. Organizational Morale :**

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

**7. Supervision and Leadership :**

- Characteristics of Bureaucracy.
- Discipline.
- Duties and responsibilities of supervisor.
- Attempts of supervisors and employees towards supervision.
- Types of leadership.
- Trait Approach to leadership.
- Some of the behaviours of Effective Managers.

**8. Stress and Conflict :**

- Nature
- Levels of Conflict.
- Intrapersonal and interpersonal conflict.
- Organizational conflict.
- Consequences of Intergroup conflict.
- The Johari, Window.
- Attitudes towards conflict Resolution.
- Prevention and Resolution of Conflict.
- Labour Management Relations.
- Labour Management Conflict.
- Prerogative of Management.
- Strategies of dealing with Labour.
- Management Conflict.
- Stages of effective group decision making procedures.

**9. Management Change and strategies of Change :**

- Macro level forces.
- Change process Change cycles.
- Planning for implementing the change.
- Management Development.
- Organizational Development.
- Strategies of Changes
- Time and Motion Studies.
- Job Rotation.
- Job Enlargement.

- Job Enrichment.
- Traditional Forms of MBO
- Surrey Feed back.
- Team Building
- Process Consultation.
- Laboratory Training.
- Socio - Technical Systems.

**10. In Creasing Organizational Effectiveness :**

1. What is organization effectiveness ?
2. Organizational Copying
3. Conclurons : Organization Conditions to effective coping.

**Text Book**

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

**Reference Books**

- 1 Robins - Organizational Behaviour - ( Second edition ) - Prentice Hall.
2. Keith Devise - Human behavioural work - Sixth edition TMH.
3. Hollorn - Applied Human Relations - Prantice - Hall.
4. Luthans - Organizational Behaviour - Megraw - Hill.
5. Korman - Organization Behaviour - Prentice - Hall.
6. Dwireall - Organizational Behaviour - oxford.
7. Mile - Organizational Strategy Structure and process - Mcgraw - Hill
8. Porter Lower - Behaviour in organization - Megraw - Hill
9. Stephen P. Robbins.  
Organizational Behaviour ( 1997 ) Prentice Hall of India New Delhi.

**10. Edgar H. Schein :**

- Organizational Psychology ( recent edition ) Prentice Hall. (1996)

# **NORTH MAHARASHTRA UNIVERSITY, JALGAON**

## **REVISED SYLLABUS FOR**

### **T.Y.B.A. "PSYCHOLOGY"**

#### **Special Paper - III (S3)**

#### **Experimental Psychology [Theory]**

**WITH EFFECT FROM JULY 1999.**

**1. Experimentation concepts of variables :**

- i. Defination, hypothesis dependent - Independent Empirical Research - Observation.
- ii. Experimentation - continuous and discrete, qualitative and quantitative, Parameter Intervening Variables, Relevant Variables.

**2. Learning an Introduction :**

- i. Introduction to the process of learning.
- ii. Defination - Types of learning, Conditioning, Discrimination learning, Trial and error learning, Motar and Verbal learning, Transfer of training, problem solving.

**3. Classical Conditioning :**

- i. Brief history of classical conditioning.
- ii. Basic concepts of conditioning :- US and UR, CS and CR
- iii. Types of classical conditining :- Delayed conditioning, Trace conditioning Backward conditioning, second order conditioning.
- iv. Characteristics of conditioning Generalization, Discrimination and experimental neurosis, Experimental extinction and spontaneous recovery, Sensory preconditioning, Sensitization and Pseudo conditioning, summation, adaptation, Inhibition.

**4. Instrumental and operant conditioning :**

- i. Types of Instrumental conditioning.
- ii. Reinforcement - Schedules of Reinforcement.
- iii. Discrimination in operant training.
- iv. Effects of punishment - Punishment as Reinforcement.
- v. Role of instructions in coditioning and learning.

**5. Human Learning and Performancee :**

- i. Measures of Retention - Recall, Recognition, Relearning or Saving Method, of reconstruction, speed of Response.
- ii. Factor's influencing acquisition and retention.
- iii. Retention and forgetting.
- iv. Transfer - Types, factor's Influencing on transfer, cross - Eduction.
- v. Incidental learning, verbal conditioning, perceptual-motar learning, problem solving.

## 6. Psychophysics :

- i. Basic concepts - sensitivity, Thresholds, PSE, Errors in psychophysics.
- ii. Method of limit.
- iii. Method of constant stimuli.....
- v. Method of Average error. Webers Law.

## 7. Audition :

- i. Auditory stimulus, physical dimensions of Auditory stimulus. Attributes of auditory experiences and their interrelationship. Localization of Sounds.
- ii. Theories of audition.
- iii. Pathology of audition.

## 8. Vision & visual perception :

- i. Visual stimulus, photoreceptors, Dimensions of colour, Colour mixture, colour Blindness.
- ii. Dark adaptation, Light adaptation and its determinants, Duplicity theory.
- iii. Depth perception Monocular Binocular Cues, Figure and ground, figural after effects, perception of form.

## 9. Reaction time and Association :

- i. Nature and types of Reaction time.
- ii. Determinants of Reaction time stimulus factors, Individual factors.
- iii. Association - concept of association, Laws of association, experiments on association, Clinical and diagnostic use of association.

### List of Books - Texts

1. Psychology The Experimental Approach - Douglas Candland and Robert S. Moyer. McGraw - Hill Book Company (4,6,7,8,10,11 Chapters from book).
2. Experimental Psychology D' Aihato M. R, T. M. H. Edition Chapter (1,2.)
3. Experimental Psychology - Postman Egan, Kalyani, Publisher's, Ludhiyana. Chapters - 4,6,7,12,18.
4. प्रायोगिक मानसशास्त्र - कुसूम दमले (म.ग्र.वि.नि.मंडळ)
5. प्रायोगिक मानसशास्त्र - डॉ. वनारसे, डॉ. गोगटे, श्यामळा वनारसे, व.नि.स. प्रकाशनस् पुणे.

### References :

1. Experimental Psychology - woodworth and Schlosberg Oxford IBH.
2. Experimental Psychology - Andreas ( Second edition ) Wiley.
3. आधुनिक प्रयोगात्मक मनोविज्ञान - डॉ. प्रीतीवर्षा व डॉ. श्रीवास्तव (विनोद पुस्तक मंदिर आग्रा. १)
4. आधुनिक प्रयोगात्मक मनोविज्ञान - डॉ. लालबचन त्रिपाठी हरप्रसाद - भार्गव आग्रा ४
5. प्रयोगात्मक मनोविज्ञान - डॉ. रामनाथ शर्मा, केदारनाथ मेरठ
6. प्रयोगात्मक मनोविज्ञान - डॉ. अग्रवाल भटनागर (लक्ष्मीनारायण अग्रवाल, आग्रा.)
7. Experimental Psychology - Killings and Riggs Indian edition.



**NORTH MAHARASHTRA UNIVERSITY, JALGAON.**

**T.Y.B.A. PSYCHOLOGY**

**Revised Syllabus**

**Special Paper - IV (S4)**

**Experimental Psychology**

**Practicals.**

**( with effect from July 99.)**

\* **Student should conduct atleast Twenty experiments from the following groups. All group are compulsory.**

**(A) Any Three :**

1. Conditioning Hand withdrawal
2. Verbal Conditioning
3. Maze learning
4. Amount of material and learning
5. Serial learning
6. Ratonal learing

**(B) Any Four :**

1. Reaction Time Simple & Disjunctive
2. Effect of Motivation on Performans
3. Bilateral Transfer
4. Habit Interference ..
5. Problem Solving ( M, Heart & Bow, Wighy blocks and Make a star/ Any three)
6. Multiple Choice Problem.

**(C) Any Two :**

1. Recall and Recognition
2. Proactive / Retroactive Inhibition
3. Short Term Memory.
4. Immediat Memory.

**(D) Any Two :**

1. Localization of Sound
2. Retinal Colour Zones
3. Colour Preferences
4. Colour Blindness

**(E) Any Two :**

1. Size / Shape Pereception
2. Depth Pereception

3. Phi - Phenomenon.
4. Measurement of Illusion.

**(F) Any Five :**

1. Manual dexterity / Finger dexterity test
2. Intelligence Test Pass along/ Koh's block / Bhatia
3. Personality Test
4. Attitude scale
5. Interest Test
6. Adjustment Inventory
7. Value Test
8. Anxiety / Stress Scale
9. Self Concept test
10. Aptitude Test ( Any one .... DAT / DABT)

**(G) Any Two :**

1. Method of limit
2. Method of Constant Stimuli
3. Method of average error ( Use Galton Bar )

**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 three hours in which candidate will perform, conduct and write a report of an experiment allotted to him / her with statistical problem and viva. The division of marks of practical examination is as follows :-

Journal- 20 , Statistics- 20, Instruction and conduct- 20, Viva-10,

Tour Report-10 = Total 100

"Students will visit an Industry, Mental Hospitals, General Hospitals, Central Jail, Ashram Schools, Remand home, Psychological Clinics, is compulsory and students will write the report of the study tour or trip."

**(B) Statistics :**

The theoretical portion to be taught on arranging frequency distribution, Polygon, histogram and uses of the measures of the central tendency, no problem be set on theoretical topic.

Computation of mean, Median, Mode S. D. Standard Deviation, Quartile 1, Quartile 3, be taught and simple statistical problem be set for examination. Coefficient of correlation by Rank difference Method. Simple examples may be set for the practical examination.

**Book (A)**

1. Laboratory Manual In Experimental Psychology - Munn.
2. Experiments in Psychology - Parmeswaran.
3. Elementary Experiments in Psychology - kuppuswamy.
4. Experiments in Psychology - Jalota.
5. Experiments in Psychology - Mohasin
6. Experimental Psychology - Postman Eagan.
7. मानसशास्त्रीय प्रयोग - डॉ. सु.वा. देशपांडे (म.वि.प्र.नि. मंडळ)

**Books for Statistics B**

1. Statistics in Education and Psychology. - Garret
2. Measurement and Evaluation in Psychology and Education - Asthana Agrawal.
3. सुबोध संख्याशास्त्र - उपासनी ना.के.
4. Statistics in Education and Psychology Ferguson.