

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
Autonomous  
Department of Psychology**

**T.Y.B.A. SEMESTER V & VI SYLLABUS  
TO BE IMPLEMENTED FROM 2021-2022**

Semester V			Credits
PSY 2501	G-3	PSYCHOLOGY AT WORKPLACE OR APPLIED PSYCHOLOGY I	03
PSY 2502	S-3	PSYCHOLOGICAL RESEARCH	03
PSY 2503	S-4	PSYCHOLOGY PRACTICAL: TEST	03
Semester VI			
PSY2601	G-3	ORGANIZATIONAL PSYCHOLOGY OR APPLIED PSYCHOLOGY II	03
PSY 2602	S-3	EXPERIMENTAL PSYCHOLOGY	03
PSY 2603	S-4	PSYCHOLOGY PRACTICAL: EXPERIMENTS	03

## **PSY 2501 SEM. V**

### **G3: PSYCHOLOGY AT WORKPLACE**

#### **LEARNING OBJECTIVES:-**

To acquaint the students with:

1. The emergence of Industrial and Organizational Psychology.
2. The work done in Industrial and Organizational Psychology.
3. The significance of training, performance appraisal, theories of Motivation.
4. Student learns to apply the theory concept in work life.

#### **LEARNING OUTCOMES:-**

1. Students will gain the knowledge of important concepts, processes and issues in the fields of Industrial Psychology.
2. Students will learn how to apply motivational theories at workplace.
3. Students will acquire and apply job search skills.

#### **TOPIC 1: INDUSTRIAL AND ORGANIZATIONAL (I/O) PSYCHOLOGY- NATURE AND SCOPE [12 PERIODS]**

- 1.1: I/O Psychology: Meaning, subject matter and functions of Industrial Psychology
- 1.2: The history of I/O Psychology
- 1.3: I/O Psychology in the present and future
- 1.4: Employment of I/O Psychologist
- 1.5: Application: Coaching, Mentoring and Learning

#### **TOPIC 2: PERSONNEL SELECTION AND TRAINING [12 PERIODS]**

- 2.1: Job Profile, job analysis and Recruitment techniques
- 2.2: Interviews, psychological testing and Needs assessment for training
- 2.3: Psychological Principles in training and training for knowledge and skill
- 2.4: Evaluation of Training Programme
- 2.5: Application: Job Search Skills

#### **TOPIC 3: EVALUATING JOB PERFORMANCE [12 PERIODS]**

- 3.1: Uses of performance evaluation: Downsizing, promotion, seniority
- 3.2: Sources of evaluation: The evaluator and performance appraisal
- 3.3: Appraisal rating systems & Non-rating evaluation methods
- 3.4: Communicate appraisal results to Employee
- 3.5: Application: 360 degree evaluation

#### **TOPIC 4: MOTIVATION AT THE WORKPLACE [12 PERIODS]**

- 4.1: work motivation and its importance at workplace
- 4.2: Need theories: McClelland, Herzberg
- 4.3: Cognitive theories: Goal Setting Theory, Self Efficacy Theory
- 4.4: Motivation: Self-discipline – seven step process
- 4.5: Application: Using motivation theory at work

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2. Berry, L.M. (1998), reprint 2010. Psychology at work: An introduction to Industrial and Organizational Psychology. N.Y.: McGraw-Hill International Editions.
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13. Warren (2015). Occupational Psychology: An Applied Approach, 1/e, Pearson Education.

**PSY 2501 SEM. V****G3: APPLIED PSYCHOLOGY I****LEARNING OBJECTIVES:-**

To acquaint the students with:

1. The relationship between theoretical and applied aspects of Psychology.
2. Applications of Psychology in the various fields of life.

**LEARNING OUTCOMES:-**

1. Students will understand the relationship between theoretical and applied aspects of Psychology.
2. Students will understand how theories and research of psychology can be applied to these real world settings.

**TOPIC 1 INTRODUCTION AND CLINICAL APPLICATIONS (12 PERIODS)**

- 1.1 Definition, Nature and Scope of applied Psychology
- 1.2 Nature of clinical psychology- classification of mental disorders DSM-5, ICD-10, therapies – CBT, Clint centered therapy, REBT
- 1.3 Positive Psychology – nature and scope
- 1.4 Health Psychology- community mental health – bio- psycho- social model of health
- 1.5 Cognitive Neuro Science -nature and major applications – PNI, EEG, MRI, CT, PET

**TOPIC 2 APPLICATIONS IN INDUSTRIES AND ORGANIZATIONS (12 PERIODS)**

- 2.1 Definition, Nature and Fields of I/O Psychology
- 2.2 Applications in IT and other Industries a- cultural adjustment, b- performance pressure, c- recruitment, d- training and employees' professional problems in other industries
- 2.3 Advertising and Consumer Psychology- psychological impact of advertisements, methods used by consumer psychologist- survey, observation
- 2.4 Engineering Psychology and Ergonomics
- 2.5 Applications in Organizations

**TOPIC 3 APPLICATIONS IN EDUCATION (12 PERIODS)**

- 3.1 Definition, Nature and Scope of Educational Psychology
- 3.2 Effective Teaching – Learning Methodologies  
a- group discussions, b- projects, c- presentations, d- interactive methods
- 3.3 Evaluation – types, uses, limitations
- 3.4 Issues of Various Categories of Challenged Students – Physically, mentally, economically challenged, LD-learning disabilities
- 3.5 Problems and Solutions to Educational Problems – physical environment, Government policies, school and higher education, Ashramshalas

**TOPIC 4 FORENSIC PSYCHOLOGY****(12 PERIODS)**

- 4.1 Definition, Nature and Fields -correctional, investigative
- 4.2 Criminal Psychology, Cyber Crimes, Violence: meaning and types
- 4.3 Investigative Procedures and role of the psychologist
- 4.4 Law – contribution of Psychology to law
- 4.5 Current challenges- reliability of investigative procedures – polygraph, eye witness testimony, identikit, narco analysis

**REFERENCES: -**

1. Bachav, A. M (2012). Applied Psychology. Chandralok Prakashan.
2. Bayne Rowan; Horton Ian (2003). Applied Psychology: Current Issues and New Directions. SAGE Publications Ltd; annotated edition.
3. David F. Marks, Michael Murray, Brian Evans, et al. (2006). Health Psychology: Theory, Research and Practice Fourth Edition. Sage Publications.
4. Palsane, Navare. *Upyojit Manasshastra*. Continental Publication, Pune.
5. Richard H. Cox (2002). Sport Psychology, McGraw –Hill Higher Education.
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7. Sharma, R (2009). Applied Psychology. Atlantic Publications.
8. Snyder, C. R.; Shane J. Lopez et al (2007). Positive Psychology: The Scientific and Practical Explorations of Human Strengths. Sage Publications.
9. Taylor Shelley (2011). Health Psychology: Tata McGraw-Hill.
10. Warren, G. S. (2014). Occupational Psychology: An Applied Approach. Pearson Education.
11. Weiten, W.; Lloyd M.; (2004). Psychology applied to Modern Life: Adjustment in 21st Century. Thomas Wadsworth Publications.

**PSY 2601 SEM. VI**  
**G3: ORGANIZATIONAL PSYCHOLOGY**

**LEARNING OBJECTIVES:-**

To acquaint the students with:

1. The significance of Job satisfaction, Organizational Commitment, leadership models.
2. The importance of Organizational Behavior, Organizational Development and Engineering Psychology.
3. Insight into the association between theory and practice in the field of I-O psychology.
4. Student learns to apply the theory concept in work life.

**LEARNING OUTCOMES:-**

1. Students will gain knowledge of different facets of organizational functioning.
2. Students will learn how to apply organizational theories at workplace.
3. Students will apply theory and practice at organizational behavior.

**TOPIC 1: JOB SATISFACTION & COMMITMENT [12 PERIODS]**

- 1.1: Job satisfaction and Organizational Commitment
- 1.2: Components of job satisfaction: Satisfaction with work, with pay and with Supervision
- 1.3: Measuring job satisfaction: Job Descriptive Index, Minnesota Satisfaction
- 1.4: Theories of job satisfaction: Motivator-Hygiene Theory, Dispositional approach
- 1.5: Application: Increasing Job satisfaction and Organizational Commitment

**TOPIC 2: LEADERSHIP [12 PERIODS]**

- 2.1: Leadership: Meaning, nature and styles of men and women
- 2.1: Approaches to leadership: Human Relations, Theory X & Theory Y
- 2.3: Fiedler's Contingency Model
- 2.4: Specific leader skills
  - a. Leadership through power
  - b. Leadership through vision: Transactional and Transformational
  - c. Leadership through persuasion
- 2.5: Application: challenges like merger, takeover, diversification

**TOPIC 3: ENGINEERING PSYCHOLOGY [12 PERIODS]**

- 3.1: History and scope of engineering psychology
- 3.2: Time and Motion Study
- 3.3: Person-Machine System
- 3.4: Work space design
- 3.5: Application- advances in the field

**TOPIC 4: IMPORTANCE OF ORGANIZATIONAL BEHAVIOUR AND ORGANIZATIONAL DEVELOPMENT [12 PERIODS]**

- 4.1: Meaning and nature of OB
- 4.2: Trends and challenges to OB- globalization, diversity, ethics
- 4.3: Meaning and nature of OD
- 4.4: Systems theory of OD
- 4.5: Application – Organizational change and implementing change

**REFERENCES:**

1. Aamodt, M.G. (2007). Industrial and organizational psychology: An applied approach. US: Thomson & Wadsworth.
2. Berry, L.M. (1998), reprint 2010. Psychology at work: An introduction to Industrial and Organizational Psychology. N.Y.: McGraw-Hill International Editions.
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**PSY 2601 SEM. VI**

**G3: APPLIED PSYCHOLOGY II**

**LEARNING OBJECTIVES:-**

To acquaint the students with:

1. Familiarize students with problems and solutions in various applied fields.
2. Apprise students of the role of Psychologists in various applied fields.

**LEARNING OUTCOMES:-**

1. Students will understand the role of Psychologists in various applied fields.
2. Students will learn about problems and solutions in various applied fields.

**TOPIC 1 FAMILY AND DEVELOPMENTAL APPLICATIONS (12 PERIODS)**

- 1.1 Definition, Nature and Scope of Developmental Psychology
- 1.2 Issues of Adolescents: stress and strain, identity crisis, adjustment to physiological and psychological changes
- 1.3 Family and Marital Problems and Solutions
- 1.4 Love, Relationships-dating, live in and Break Ups
- 1.5 Psychology of Gender - gender roles, gender, lesbian, gay, bisexual, transgender, intersex and queer

**TOPIC 2 SPORTS AND MILITARY PSYCHOLOGY (12 PERIODS)**

- 2.1 Definition, Nature and Scope of Sports Psychology
- 2.2 Motivating sportspersons and Building team morale-Biorhythms, Training
- 2.3 Factors affecting performance of sportspersons - Audience Expectations, environmental conditions, media
- 2.4 Use of psychological tests in selection in the Defense Services
- 2.5 Adjustment to Military Life and Role of Defense Institute of Psychological Research

**TOPIC 3 DISASTER, REHABILITATION AND COMMUNITY PROBLEMS (12 PERIODS)**

- 3.1 Understanding the role of Psychologists in Disaster Management and Rehabilitation
- 3.2 Use of Psychological techniques in Disaster Management
- 3.3 Community Problems – Urban Slums – role of psychologists
- 3.4 Use of Psychology in Rehabilitation Work
- 3.5 Trauma and Post Traumatic Stress Disorder-PTSD

**TOPIC 4: APPLICATION IN SOCIAL ISSUES (12 PERIODS)**

- 4.1 Role of Psychologists in tackling Social Issues- interventions, research, policy level work
- 4.2 Psychology of Terror
- 4.3 Psychology of Corruption
- 4.4 Contribution of Psychology in Developmental Issues: health and rural development
- 4.5 Use of Psychology in dealing with Superstition



**REFERENCES: -**

1. Bachav, A. M (2012). Applied Psychology. Chandralok Prakashan.
2. Bayne Rowan; Horton Ian (2003). Applied Psychology: Current Issues and New Directions. SAGE Publications Ltd; annotated edition.
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**PSY 2502 SEM. V**  
**S3: PSYCHOLOGICAL RESEARCH**

**LEARNING OBJECTIVES-**

1. To acquaint the students with the basic concepts of experimental psychology and research methodology.
2. To develop the spirit of scientific inquiry in the students.
3. To help them generate ideas for research, as well as develop hypotheses and operational definitions for variables.
4. To help students understand the basic steps in scientific research.

**LEARNING OUTCOMES:-**

1. Students will gain the basic research skills.
2. Students will learn how to apply psychological research in day to day life.
3. Students will learn scientific writing of research proposal and research report.

**TOPIC 1: SCIENTIFIC RESEARCH** **[12 PERIODS]**

- 1.1 Developing ideas for research: Cultural context, personal experience, literature, internet
- 1.2 Importance of Scientific Research
- 1.3 Goals of research
- 1.4 Types of scientific research: Pure vs. applied, descriptive vs. analytical, quantitative vs. qualitative, conceptual vs. empirical
- 1.5 Research approaches: Experimental, inferential, and simulation

**TOPIC 2: VARIABLES, RESEARCH PROBLEM AND HYPOTHESIS** **[12 PERIODS]**

- 2.1 Variables: Meaning, types.
- 2.2 Construct vs. concept
- 2.3 Operational and constitutive definition of variables
- 2.4 Research Problem: Sources, types, and criteria of a good problem.
- 2.5 Hypothesis: Meaning, types, and criteria.

**TOPIC 3: SAMPLING METHODS AND DATA COLLECTION** **[12 PERIODS]**

- 3.1 Sampling Meaning and Basic concepts
- 3.2 Types of probability sampling
- 3.3 Types of non-probability sampling
- 3.4 Methods of Data Collection: I.: (1) Observation: Natural, Systematic, and Controlled; (2) Laboratory experiments, (3) field experiments and (4) field studies
- 3.5 Methods of Data Collection: II: (1) Questionnaire (2) interview, (3) Survey-Mail Survey and (4) Case study.

## TOPIC 4: RESEARCH PROPOSAL AND REPORT AND PSYCHOLOGICAL TESTING [12PERIODS]

- 4.1 Research Proposal
- 4.2 Steps in Research Report
- 4.3 Definition, Types and Uses of Psychological Tests
- 4.4 Psychometric Properties of Psychological Tests: Reliability, Validity, Norms
- 4.5 Social and ethical issues in psychological testing

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1. Anastasi, A. & Urbina, S. (2009). *Psychological testing*. N.D.: Pearson Education.
2. Christensen, L. B.; Johnson, R. B.; Turner, L. A. (2014). *Research Methods, Design and Analysis*. Pearson.
3. D'Amato, M.R. (2009). *Experimental psychology: Methodology, psychophysics and learning*. N.D.: Tata McGraw-Hill.
4. Desai, B. and Abhyankar, S. C. (2001). *Prayogik Manasashastra ani Samshodhan Paddhati*. Pune: Narendra Prakashan.
5. Kaplan R.M. & Saccuzzo D.P. (2005) *Psychological Testing, Principles, Applications and Issues*. Sixth Ed. Cengage Learning India, Pvt. Ltd.
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9. McBurney, D. H. and White, T. L. (2007). *Research methods*. US: Cengage.
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**PSY 2602 SEM. VI**  
**S3: EXPERIMENTAL PSYCHOLOGY**

**LEARNING OBJECTIVES:**

1. To equip the students with the basic concept and knowledge about Psychophysics.
2. To acquaint the students with the cognitive processes.

**LEARNING OUTCOMES:-**

1. Students will learn fundamental of Experimental Psychology.
2. Students will learn psychological problem solving strategies.
3. Students will learn application of learning and memory in day today life.

**TOPIC1: PSYCHOPHYSICS**

**[12 PERIODS]**

- 1.1 Basic concepts in Psychophysics: Sensitivity, Threshold, Point of Subjective Equality, Constant and Variable Errors
- 1.2 Method of Limits: Computation of RL and DL
- 1.3 Method of Constant Stimuli: Computation of RL and DL
- 1.4 Method of Average Error: Computation of PSE & CE
- 1.5 Modern Psychophysics: Signal Detection Theory

**TOPIC 2: PERCEPTUAL PROCESSES**

**[12 PERIODS]**

- 2.1 Attention: Nature, Definition & Types (Divided, Selective and Sustain Attention.)
- 2.2 Theories of Attention: Bottleneck Theory, Feature Integration Theory.
- 2.3 Biological basis of Attention
- 2.4 Perception: Nature, characteristics and processes involved
- 2.5 Perceptual Illusion (Errors)

**TOPIC 3: LEARNING AND MEMORY**

**[12 PERIODS]**

- 3.1 Learning: Meaning & Types
- 3.2 Transfer of Training &Types
- 3.3 Memory: Meaning and Models
  - a) The Atkinson and Shiffrin Model
  - b) Tulving's Model: Episodic, Semantic and Procedural
- 3.4 Methods of Retention
- 3.5 Biological basis of learning and memory.

**TOPIC 4: THINKING AND PROBLEM SOLVING**

**[12 PERIODS]**

- 4.1 Thinking: Nature, definition and kinds
- 4.2 Theories of thinking: Central Theory and Peripheral-Central Theory
- 4.3 Problem Solving: Nature of problem, Types of problems, Understanding the problem, Approaches in problem solving, Factors influencing Problem Solving
- 4.4 Reasoning: Formal logic and Limitations
- 4.5 Decision Making: Stages and heuristics

**REFERENCES:-**

1. Anastasi, A. & Urbina, S. (2009). *Psychological testing*. N.D.: Pearson Education.
2. Christensen, L. B.; Johnson, R. B.; Turner, L.A. (2014). *Research Methods, Design and Analysis*. Pearson.
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**PSY 2503 SEM. V****S4: PSYCHOLOGY PRACTICAL: TESTS****LEARNING OBJECTIVES:**

1. To familiarize the students with the use of elementary statistical techniques.
2. To train them in solving simple statistical problems.
3. To give practical experience to the students in administering and scoring psychological tests and interpreting the scores.

**LEARNING OUTCOMES:-**

1. Students will familiarize with the use of elementary statistical techniques.
2. Students will gain practical experience in administering and scoring psychological tests.
3. Students will gain practical experience of Group Testing.

**STATISTICS**

Statistics is a part of Practical paper. Teachers should conduct one lecture per week throughout the year for Statistics. See the “Guidelines for S4 Paper” for other details.

**Topics to be covered:**

1. Frequency distribution
2. Measures of central tendency: Mean, Median, Mode for grouped and ungrouped data

**I) GENERAL AND SPECIAL ABILITY TESTING (any two)**

1. Malin’s Verbal OR Performance Scale
2. Standard Progressive Matrices(SPM)
3. Binet Kamath Test
4. Test of Creativity
5. Managerial Aptitude Test Battery – Dr. Heena Hasan
6. Differential Aptitude Tests (DAT)- Any two subtests
7. Dexterity test

**II) PERSONALITY (any three)**

1. Eysenck Personality Questionnaire
2. NEO-FFI
3. Sentence Completion Test/Locus of Control
4. 16 PF
5. Introversiion-Extraversiion Inventory (Dr. Aziz & Dr. Agnihotry)
6. Interest inventory by T. S. Sodhi& H. Bhatnagar
7. Big Five Personality Inventory. (Dr. Singh & Dr. Kumar)

**III) ADJUSTMENT (any one)**

1. Family
2. School
3. Marriage by H. M. Singh
4. Expectations from the Life partner Scale

**IV) TESTING OF ATTITUDE (any one)**

1. Marriage
2. Religion
3. Optimism-pessimism
4. Attitude towards the mother scale.
5. Internet & Social Networking Sites Attitude (Sarkar & Das)

**V) VALUES (any one)**

1. Moral Values Scale (Sengupta & Singh)
2. Personal Value (Sherry & Verma)

**GUIDELINES FOR GROUP TESTING**

1. For group testing, a small sample (n=30 at least) should be taken.
2. Any one standardized psychological test should be administered to the sample.
3. Responses should be scored as per the instructions given in the manual.
4. Report for group testing should be structured as follows:
  - a. Purpose of the group testing
  - b. Description of the test, e.g. author, psychometric properties, uses of test.
  - c. Tabular presentation of scores and results
  - d. Qualitative analysis, if applicable
  - e. Interpretation at group level
  - f. Any other relevant finding
  - g. Conclusion
  - h. References

**Note:**

1. *Group testing is mandatory*
2. *Decision to allow students to conduct group testing will be at the discretion of the head of the department*
3. *The report of group testing should be submitted separately.*

**GUIDELINES FOR S-4 PAPER****GUIDELINES FOR THE CONDUCT OF PRACTICAL**

1. Each batch of students should consist of 12 students.
2. If the number of students exceeds even by 1, a separate batch should be formed for conduct of practical.
3. Each batch will conduct practical twice per week with three lecture periods per session.
4. Total workload per batch will be 6 lecture periods.
5. In addition 1 separate lecture will be held for Statistics per week for the entire class.
6. Practical examination will be held at end of the semester.
7. The concerned teacher should verify the completion of practical journal as well as group testing report and issue a completion certificate signed by the head of the department.

**GUIDELINES FOR ASSESSMENT (SEMESTER END EXAMINATION)**

1. While preparing the programme for final examination, the number of students in any given batch should not exceed 8.
2. The examiners should set paper on the spot.
3. Three subsets of question papers should be set per batch. These subsets should be

- considered as one set for billing purpose.
4. Before conducting the examination the external examiner should confirm that all the guidelines mentioned in the syllabus were strictly followed while teaching and conducting the practical. The examiner should also see whether the numbers of practicals are conducted as per the specifications given in the syllabus.
  5. While appearing for the final examination, students must produce the fair journal containing the report of the practical duly completed and signed by the concerned teacher and head of the department. Group testing report should be submitted separately.
  6. External Examiner should allow students to appear for final examination only on producing the Completion Certificate.
  7. The structure of the question paper for S-4 will be as follows:
    - Statistics (any two problems- each problem has 10 marks)
    - Question paper/ preference sheet for practical
      - i. The question paper will contain 4 questions based on tests.
      - ii. The student will give 2 preferences.
      - iii. Out of the two preferences given by the student, the final choice of the question to be attempted will be of the external examiner.
    - Group Testing Assessment

Group testing- The examiner should assess group testing report and conduct viva on the following points:

- a. Purpose of the group testing
- b. Name of the test used
- c. Statistics used
- d. Results
- e. Conclusion

8. Break up of marks will be as follows: *Internal*

• Statistics	20 marks
• Group Testing Report	10 marks
• Viva on group testing report	10 marks
• <b>TOTAL MARKS</b>	<b>40 marks</b>

9. Break up of marks will be as follows: Semester End

• Instructions and conducting	10 marks
• Practical Report	15 marks
• Journal	20 marks
• Practical Viva	15 marks
• <b>TOTAL MARKS</b>	<b>60 marks</b>



**PSY 2603 SEM. VI**

**S4: PSYCHOLOGY PRACTICAL: EXPERIMENTS**

**LEARNING OBJECTIVES:-**

1. To familiarize the students with the use of elementary statistical techniques.
2. To acquaint the students with the basic procedure and design of psychology experiments.
3. To encourage students to learn practical application through study tour and visit.

**LEARNING OUTCOMES:-**

1. Students will familiarize with the use of elementary statistical techniques.
4. Students will gain practical experience of conducting and designing psychology experiments.
2. Students will gain practical application through study tour and visit.

**STATISTICS**

Statistics is a part of Practical paper. Teachers should conduct one lecture per week throughout the year for Statistics. See the “Guidelines for S4 Paper” for other details.

Topics to be covered:

1. Measures of variability: Range, Standard Deviation and Quartile Deviation (Q1, Q3 and Q) for grouped data.
2. Rank Difference Correlation.

**I] PSYCHOPHYSICS (any two)**

1. Method of Limits- RL or DL
2. Method of Constant Stimuli- RL or DL
3. Method of Average Error: PSE and CE

**II] ATTENTION (any one)**

1. Divided attention
2. Span of attention
3. Stroop effect

**III] PERCEPTUAL PROCESSES (any two)**

1. Illusion
2. Size constancy
3. Retinal color zones
4. Reaction time
5. Depth perception

**IV] THINKING AND PROBLEM SOLVING (any one)**

1. Effect of mental set on problem solving
2. Maze learning
3. Problems solving- Pyramid puzzle / Wiggly Blocks / Heart-and-Bow puzzle

**VJ LEARNING (anyone)**

1. Bilateral transfer
2. Effect of knowledge of results
3. Habit interference
4. Serial learning

**VI] MEMORY (any one)**

1. Recall and recognition
2. Retroactive inhibition / Proactive inhibition
3. Short Term Memory

**STUDY TOUR/FIELD VISIT REPORT: Observational report**

Students should visit an industry, mental hospital, general hospital, central jail, remand home, ashram, or correctional institute / organization, Rehabilitation Centers.

**Note:**

4. *Study tour is mandatory.*
5. *The report of study tour/field visit should be submitted separately.*

**GUIDELINES FOR S-4 PAPER****GUIDELINES FOR THE CONDUCT OF PRACTICAL**

1. Each batch of students should consist of 12 students.
2. If the number of students exceeds even by 1, a separate batch should be formed for conduct of practical.
3. Each batch will conduct practical twice per week with three lecture periods per session.
4. Total workload per batch will be 6 lecture periods.
5. In addition 1 separate lecture will be held for Statistics per week for the entire class.
6. Practical examination will be held at end of the semester.
7. Students should visit an industry, mental hospital, general hospital, central jail, remand home, ashram, or correctional institute / organization and Rehabilitation Centers. The teacher accompanying the students can claim TA/DA as per the University rules.
8. The concerned teacher should verify the completion of practical journal as well study report and issue a completion certificate signed by the head of the department.

**GUIDELINES FOR ASSESSMENT (ANNUAL EXAMINATION)**

1. While preparing the programme for final examination, the number of students in any given batch should not exceed 8.
2. The examiners should set paper on the spot.
3. Three subsets of question papers should be set per batch. These subsets should be considered as one set for billing purpose.
4. Before conducting the examination the external examiner should confirm that all the guidelines mentioned in the syllabus were strictly followed while teaching and

conducting the practical. The examiner should also see whether the numbers of practicals are conducted as per the specifications given in the syllabus.

5. While appearing for the final examination, students must produce the fair journal containing the report of the practical duly completed and signed by the concerned teacher and head of the department. Study Tour Report should be submitted separately.
6. External Examiner should allow students to appear for final examination only on producing the Completion Certificate.
7. The structure of the question paper for S-4 will be as follows:
  - Statistics (any two problems- each problem has 10 marks)
  - Question paper/ preference sheet for practical
    - i. The question paper will contain 4 questions based on tests.
    - ii. The student will give 2 preferences.
    - iii. Out of the two preferences given by the student, the final choice of the question to be attempted will be of the external examiner

**Study tour report-** Complete observation and behavioral analysis

Break up of marks will be as follows: *Internal*

• Statistics	20 marks
• Study Tour Report	10 marks
• Viva on Study Tour Report	10 marks
• <b>TOTAL MARKS</b>	<b>40 marks</b>

Break up of marks will be as follows: Semester End

• Instructions and conducting	10 marks
• Practical Report	15 marks
• Journal	20 marks
• Practical Viva	15 marks
• <b>TOTAL MARKS</b>	<b>60 marks</b>

1. The duration for practical examination will be of **three and a half** clock hours per batch.
2. Assessment of **statistics** and **practical report** should be done by the **external** examiner only.
3. Instructions & conducting, journal, viva, groups testing or study tour report should be assessed by the internal and external examiners. **Average** marks of the two examiners should be taken as final assessment.
4. Difference of more than 25% marks between the internal and external examiners in assessment on any of the items mentioned above should be settled mutually.
5. The following items should be considered for billing purpose, as per the revised rates of examiners' remuneration of Savitribai Phule Pune University. (**Rates as per university booklet**)
6. Total remuneration for the examination should be equally divided between the two examiners.

**REFERENCES:-**

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3. D'Amato, M.R. (2009). *Experimental psychology: Methodology, psychophysics and learning*. N.D.: Tata McGraw-Hill.
4. Desai, B. and Abhyankar, S.C.(2001).*Prayogik Manasashastra ani Samshodhan Paddhati*. Pune: Narendra Prakashan.
5. Galloti, K. M. (2004). *Cognitive psychology in and out of the laboratory*. USA: Thomson Wadsworth.
6. Jalota, S. (1962). *Experiments in psychology*. Asia Publishing House.
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9. Mohsin, S. M. (1975). *Experiments in psychology*. Orient Longman.
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14. Tinker, M.A. & Russell, W.A. *Introduction to methods in experimental psychology*. Appleton – Century Crofts.
15. Woodworth, R.S. & Schlosberg, H. (reprint 2008, 6th ed.), *Experimental Psychology*. ND: Oxford & IBH Publishing Co. Pvt. Ltd.
16. Test manuals.

**1: Question Paper Pattern: for practical**

**Set: A / B / C**

**Seat No. -**

**Batch No. -**

**Programme of Practical Examination in  
Psychology (S-4) At T. Y. B. A.  
Model Question Paper  
Examination March / April-**

**Centre:**.....

**Date:** ..... **Time:** .....

**College** .....

**Instructions:**

1. Student should give two preferences for any two tests/ two preferences for any two experiments.
2. Draw neat diagrams or graphs if necessary.
3. Attach this question paper to your answer sheet, don't take it home.

Preference	Sr. No.	Tests
	1	
	2	
	3	
	4	
	5	

**Required material for test/experiment:**

- 1-
- 2-
- 3-
- 4-
- 5-

Signature:  
Name:

Internal Examiner

Signature:  
Name:

External Examiner

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
Autonomous  
Department of Psychology**

**Programme of Practical Examination in Psychology (S-4) At T. Y. B. A. Examination .....**

Name of the college: ..... Date:

Examination Centre: ..... Batch:.....

Sr. No.	Seat No.	Instructions and conduction (10)				Journal (20)				Practical Viva (15)				Practical. Report Writing (15)	Total (60)
		Int. (10)	Ext. (10)	Total (20)	Average (10)	Int. (20)	Ext. (20)	Total (40)	Average (20)	Int. (15)	Ext. (15)	Total (30)	Average (15)		
1															
2															
3															
4															
5															
6															
7															
8															
9															

**Internal Examiner**  
**Sign.:**  
**Name:**

**External Examiner**  
**Sign.:**  
**Name:**