



UNIVERSITY OF CALCUTTA

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To
The Principals /T.I.C.
of all the Undergraduate Colleges
offering B.A. / B.Sc.(Honours) in Psychology
affiliated to the University of Calcutta

Sir/Madam,

The undersigned would like to forward you the **Draft Syllabus for Psychology (Honours)**, to be implemented from the academic session 2017-2018, to get feedback from the Department of Psychology in your college.

You are requested to send your feedback within 30th December, 2016.


In this regard you may send your observation/ suggestion to the **Department of U.G. Councils, C.U.** or through **email (u.g.councilsc.u@gmail.com)** or you may contact **Prof. Pritha Mukhopadhyay (Mob: 9433331666; e-mail: prithamukhopadhyay@gmail.com)**.

Your cooperation in this regard will be highly appreciated. Kindly treat the matter as urgent.

Thanking you,

Encl: Copy of the Draft Syllabus.

Yours faithfully,


14.12.16
(Milan Kr. Pal)

O.S.D., C.U.



SYLLABI OF THREE-YEAR (Honours) COURSE IN PSYCHOLOGY

PSYCHOLOGY SYLLABUS – HONOURS COURSE

PART – I

PAPER-1

Marks-100

MODULE 1.1

FULL MARKS – 50

INTRODUCTION TO PSYCHOLOGY

- 1) Introduction- Definition, Methods-Observation, Experimentation, Interview, Field Study, Correlational, a sketch on branches of Psychology.
- 2) Schools of Psychology –Structural, Behavioural and Gestalt
- 3) Perceptual Processes:
 - a) Nature of attention, Determinants of attention, shift, fluctuation, oscillation and distraction.
 - b) Nature of Perception; Form, Space, Movement, Time. Illusion .
- 4) a) Need for quantification in Psychology, level of measurement – nominal ordinal, interval and ratio.
 - b) Processing of data:
 - i) Tabulation, classification and frequency distribution of data.
 - ii) Concept, types, uses and computational techniques of the measures of central tendency and dispersion.
- 5) a) Variables and their classification, b) major steps in Psychological research, c) Ethics in research.

MODULE 1.2

FULL MARKS – 50

BASIC PSYCHOLOGICAL PROCESSES

- 1) Information Processing Model
- 2a) Learning Processes: nature and factors of learning; theories: trial and error, conditioning – classical and operant; insight. Transfer of training, programme learning.
 - b) Memory and forgetting: Nature of encoding, storage and retrieval; STM LTM, types of memory, Nature and theories of forgetting.
- 3) Motivation: Definition; Types – Biological and Social; Theories - Concept of Drive, Incentive; Maslow's Need Hierarchy Theory and McClelland's Theory of Motivation.
- 4) Intelligence: Definition, Nature, Classification; Brief idea of approaches to intelligence- Factor, Cognitive, Multiple Intelligence Theories. Special emphasis on Theories of Spearman, Thurstone, Guilford.

5) Emotion- Nature, Theories: James Lange, Cannon-Bard, Schachter – Singer and Cognitive Appraisal.

Paper-II A

Marks-50

MODULE 1.3
FULL MARKS – 50
BIOLOGICAL BASES OF BEHAVIOUR

1. Biological foundation of behavior – Genetic Basis; The Structure and function of neuron, synapse and neurotransmitters.
2. Nervous system
 - a) Central – Structure and function of Brain and Spinal Cord
 - b) Autonomic Nervous System – Structure and function
 - c) Peripheral nervous system – Structure and neural control of behavior
3. Emotional behavior: physiological correlates of emotion: The role of cortex in emotion. Emotion and endocrine gland.
4. Neurophysiology of Learning and Memory.

Paper-II B

Marks-50

MODULE 1.4
FULL MARKS – 50
PRACTICAL

(Problem + LNB + Viva Voce = 30 + 10 + 10)

- 1) Experimental determination of the rate of fluctuation of attention as a function of
 - i) Intensity
 - ii) distraction
- 2) Experimental estimation of the rate perceptual reversibility by standard structure figures with and without suggestion (both flower vase/ human profile and Rubin's cross to be used)
- 3) Experimental estimation of temporal perception- longtime, filled and unfilled, method of reproduction
- 4) Determination of the effect of variation in different levels of attentive task on arousal.

PART-II

Paper-III

Marks-100

MODULE 2.1
FULL MARKS – 50
PSYCHOMETRY

1. Normal probability curve: Properties and applications.
2. Introduction to correlation: Meaning of bivariate distribution; product moment, rank difference, Biserial , point biserial, tetrachoric, phi coefficient, contingency coefficient – Computation ,significance and use.
3. Statistical inference – concepts and steps involved in drawing a statistical inference. Concept of parametric and non-parametric statistics. Experimental hypothesis – null hypothesis and its testing. Concept of standard error. Computation and use of t-test and chi square test.

MODULE 2.2
FULL MARKS – 50
METHODOLOGY

1. Research problem and hypothesis: Characteristics of problem definitions, sources and criteria of good hypothesis.
2. Sampling and its different types.
3. Design of experiments- i) controlling subject, situation and sequence related variable, ii) single group and separate group designs iii) quasi experimental design and time series.
4. Development and standardization of Psychological Test; Reliability; Validity and Norms.

Paper-IV A

Marks-50

MODULE 2.3
FULL MARKS – 50
DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY

1. Concept and definition of development, role of genetic and environmental factors in development.
2.
 - a) Emotional, cognitive, moral, social and personality development in each stage of life span.
 - b) Personality-concept, development, assessment.
3. Concept and assessment of Intelligence, Aptitude, Interest and Personality.

4. Understanding exceptional children- education of Gifted and intellectually disabled children.

Paper-IV B

Marks-50

**MODULE 2.4
FULL MARKS – 50
PRACTICAL**

(Problem + LNB + Viva Voce = 30 +10 10)

1. Experiment on feeling and emotion
2. Determination of the effect of a) whole vs. part learning b) unspaced vs. spaced learning c) Proactive Inhibition and d) Retroactive Inhibition on memorization.
3. Experiment on transfer of training(mirror drawing).

PART-III

Paper-V

Marks-50

**MODULE 3.1
FULL MARKS-50
SOCIAL PSYCHOLOGY**

1. Introduction to Social Psychology. Methods-survey and sociometry
2. Social Cognition-schema,impression formation,attribution
3. Attitude: definition, formation of attitude, theories, measurement; change of attitude.
4. Group psychology: Definition and classification of group; group structure and function. Conformity and compliance. Leadership: definition, classification and function. Leadership and morale.
5. Stereotype, prejudice and discrimination; concept and origin, measurement; Reduction of prejudice. Issues of gender, caste, religion.

**MODULE 3.2
FULL MARKS – 50
HEALTH AND COUNSELLING PSYCHOLOGY**

1. Nature and scope of health psychology – bio-psycho-social model of health psychology.
2. Stress and health – nature, types, causes and consequences of stress. Stress management, Stress disorders, Health promoting and health damaging lifestyles.
3. Theories of personality – (a) psychodynamic – Freud (b) Trait theory by Cattell.

4. Concept of adjustment – mental health, mental hygiene, criteria and factors of adjustment, frustration and conflict.
5. Counseling: meaning, purpose and steps.

Paper – VI

Marks-100

**MODULE 3.3
FULL MARKS-50
PRACTICAL**

(Problem + LNB + Viva Voce = 30 + 10 +10)

1. Determination of ethnic prejudice by a suitable method.
2. To determine the effect of group influence on problem solving.
3. To determine the cohesiveness of a small group by sociometric method.

**MODULE 3.4
FULL MARKS – 50
PRACTICAL**

(Problem + LNB + Viva Voce = 30 + 10 + 10)

1. Determination of the effect of set on simple reaction time by variation of a) instruction b) foreperiod.
2. Determination of complex reaction time: a) discriminative and b) choice reaction time.
Attitude scale construction by Likert method with emphasis on
i. Domain ii. Item writing/collection iii. Item editing, finalizing and administration on any one of the following topics:
 - a. Marriage.
 - b. Religion
 - c. Family
 - d. Institutionalisation of the Elderly ideas.
 - e. Reservation
 - f. Capital Punishment
 - g. Euthanasia
 - h. Globalization.

**Paper-VII
100**

Marks-

**MODULE 3.5
FULL MARKS – 50
INDUSTRIAL PSYCHOLOGY AND ORGANIZATIONAL BEHAVIOUR**

- 1) Introduction. Concept of Industrial psychology and organizational behavior.
- 2) Personnel selection – basis and methods of Selection, job analysis – methods, measurement and uses.

- 3) Content theories of work motivation, job satisfaction and job involvement.
- 4) Organizational communication patterns and its impact on organizational health.
- 5) Concept of HR. Human Resource Development and Training, Planning, Counselling

MODULE 3.6
PSYCHOPATHOLOGY
FULL MARKS - 50

- 1) Concepts of normality, abnormality and psychopathology including concept of neurotic, psychotic, psycho-physiological disorders.
- 2) Current classification of mental disorders (According to APA) –Signs, symptoms and Etiology of a) Generalized anxiety disorder, phobia b) obsessive compulsive disorder c) dissociative disorders d)Major Depressive Disorder and e) Bipolar Disorders f) Schizophrenia

Paper – VIII

Marks – 100

MODULE 3.7
FULL MARKS – 50
PRACTICALS
(Problem + LNB + Viva Voce = 30 + 10 + 10)

- 1) Measuring intelligence by (i) Koh's block design test and (ii) Cube construction test.
- 2) Measuring intelligence of an adult individual using WAIS Test of intelligence(Indian norm).
- 3)Determination of Value/Interest by a standardized interest inventory (b) Aptitude by Differential Aptitude Test (English version of Ojha) (i) Numerical Ability (ii) Verbal Reasoning.

MODULE 3.8
FULL MARKS – 50
PRACTICAL
(Problem + LNB + Viva Voce = 30 + 10 + 10)

1. Personality testing – 16PF
2. Determination of levels of anxiety using any suitable test (Indian adaptation)
- 3.Suitable test of stress and coping
- 4.Assessment of motivational pattern by a suitable test.

PSYCHOLOGY – HONOURS COURSE OF STUDY

MARKS DISTRIBUTION FOR EXAMINATION PURPOSE FOR EACH
THEORETICAL MODULE

1. Two questions of 5 marks each out of 4 choices (Word limit for each answer-300)
2. One question of 10 marks each out of 3 choices (Word limit for each answer-800)
3. Two questions of 15 marks each out of 4 choices (Word limit for each answer-1000)

EXAMINATION TIME FOR EACH THEORETICAL MODULE

2 HOURS

MARKS DISTRIBUTION FOR EXAMINATION PURPOSE FOR EACH
PRACTICAL MODULE

- | | |
|-------------------------|-----|
| 1. Experiment/Testing | -30 |
| 2. Laboratory Note Book | -10 |
| 3. Viva Voce | -10 |

EXAMINATION TIME FOR EACH PRACTICAL MODULE
HOURS

2 ½