

Ist Year Hons.

FIRST PAPER

Module 1.1

[Introduction to Psychology]

Total Marks - 50

- A. Answer any two of the following: 15x2 =30
1. What is attention? Differentiate between fluctuation of attention, oscillation, shifting and distraction.
 2. Critically discuss the basic tenets of Behaviorism.
 3. Distinguish between sensation and perception? Discuss vividly about the different attributes of sensation.
 4. Critically discuss the Weber-Fechner Law.
- B. Answer any one of the following: 10x1 =10
1. What is variable? Discuss with suitable example different types of variable.
 2. Explain the scope of Psychology with their present social relevance.
 3. How many types of dispersions are there? Explain the classification along with their statistical application.
- C. A brief note on any two of the followings – 5x2 =10
- a. Sensation and feeling,
 - b. Saturation,
 - c. Hearing theories,
 - d. Central tendency,

Module 1.2

[Basic Psychological Processes]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. Explain with theoretical evidences whether intelligence is a single factor or multiple factors.
 2. What are the different types of intelligence? Discuss in a vivid glance the 'Structure of Intellect' model and explain its relevance in the present society.
 3. Draw differences and similarity between James –Lange and Schachter Singer's theory of emotion
 4. Distinguish between operant and classical conditioning. What are the cognitive theories of learning?
- B. Answer any one of the following: 10x1 =10

1. Explain the relation between motivation and emotion. Give a brief account of Maslow's theory and mention its application in present society.
 2. Differentiate between just noticeable difference and differential limen. Describe any two methods to determine difference threshold. Is discrimination relative or absolute. $2+5+3=10$
 3. Critically discuss the process theory of memory.
- C. Short note on any two: 5x2 =10
1. Intelligence and ability
 2. Factors affecting learning
 3. Retrieval cues
 4. Forgetting curve

SECOND PAPER

Module 1.3

[Biological Bases of Behavior]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. How human activity is shaped by different central nervous activity.
 2. Explain with a vivid description the structure and function of peripheral nervous system.
 3. What is action potential? Explain its journey within a neuron from its initial phase.
 4. How the body homeostasis is maintained by autonomic nervous system.
- B. Answer any one of the following: 10x1 =10
1. Explain with suitable diagram the structure and function of spinal cord.
 2. How the human behavior is structured by the gene.
 3. Give a brief account of neurophysiological bases of learning with relevant research evidences.
- C. Answer any two of the following: 5x2 =10
1. Role of neurotransmitter in Long term potentiation
 2. Characteristics of species typical behavior
 3. Neurotransmitters and hormones.
 4. Spinal nerves and cranial nerves

Module 1.4

[Practical]

Total Marks – 50

1. Show the effect of increasing saturation on the fluctuation of attention. 30
2. LNB 10
3. VIVA 10

IInd Year Hons.

Paper – III

Module 2.1

[Psychometry]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. What is the concept of 'normal' in statistics? How does the normal distribution differ from t-distribution.
 2. In what way a non-parametric distribution can approach a normal distribution. Explain the characteristics of normal distribution. 7+8 = 15
 3. What is correlation? Compute the given test scores assuming that the scores are not normally distributed.

Student	Mechanical Ability	Technical Aptitude
1	184	111
2	202	99
3	187	119
4	194	105
5	175	113
6	173	125
7	157	120
8	118	96
9	159	99
10	149	127

4. What are correlations based on ordinal level of measurement. Explain with suitable examples.
- B. Answer any one of the following: 10x1 =10
1. What is t-statistics? Write the assumptions of t-test.
 2. Distinguish between parametric and non-parametric statistics
 3. What are the different types of statistics and parameter?
- C. Give a brief account on the followings: 5x2 =10

- a. Gaussian Equation.
- b. Skewness
- c. Phi-coefficient
- d. Zero correlation

Paper – III

Module 2.2

[Methodology]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. What is problem in research? What are its types? How the problem guides to conduct a research. 2+5+8 =15
 2. What are the important characteristics of a good hypothesis?
 3. What is quasi-experimental design? How is this different from experimental designs. 7+8= 15
 4. Explain the suitability of application with adequate examples – randomization and Counter balancing techniques.
- B. Answer any one of the following: 10x1 =10
1. Distinguish between between-group and within-group design.
 2. Give a brief account of different types of factorial designs.
 3. Explain the factors that influence internal validity of a test.
- C. Answer any two of the following: 5x2 =10
1. Characteristics of a good test
 2. Distinguish between speed test and power test on the point of item difficulty.
 3. Item-total correlation
 4. Developmental norm

FOURTH PAPER

Module 2.3

[Developmental Psychology]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. Define 'Gang Age'. What are the positive and negative influences of gang age? How socialization is especially influenced by this stage. 2+5+8 =15
 2. How the early few years of life play important role in shaping adult personality?

3. Discuss the different stages of prenatal development. What are the hazards of this stage?
10+5 =15
4. How attachment is related with overall personality make-up of an individual.
- B. Answer any one of the following: 10x1 =10
 1. Discuss the role of play in social development.
 2. What are the different factors that influences of personality?
 3. What role do play has on social development.
- C. Write short note on any two: 5x2 =10
 1. Distinguish between growth and development.
 2. Differentiate between speech and language.
 3. Different hazards of personality.
 4. Development of secondary emotions.

Paper – IV B

Module 2.4

[Practical]

Total Marks – 50

1. Determine the effect of stimulus presentation on two-point tactual threshold of your subject. 30
2. LNB 10
3. Viva 10

3rd Hons

FIFTH PAPER

Module 3.1

[Social Psychology]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
 1. Define Group. Explain the important features of a group. What are the different types of Group?
3+4+8 =15
 2. What are the different types of leadership? What function do the leaders play in a group?
5+5 =10
 3. How self knowledge is originated? Critically explain the social comparison theory. 5+5 =10
 4. What factors influences the group morale. Discuss how leader's role influences group morale.
5+5 =10
- B. Answer any one of the following: 10x1 =10

1. What role social influence has on the present society – explain with current evidences.
 2. Give a brief account of the structure of group. How do a group function – explain with relevant examples
 3. Delineate the difference between Thurstone's scale and Guttman scale.
- C. Answer any two of the following: 5x2 =10
1. Stereotype and discrimination
 2. Theoretical explanation of prejudice reduction
 3. Laize-faire leader
 4. Group think

Module 3.2

[Health and Counselling]

Total Marks – 50

- A. Answer any two of the following: 15x2 =30
1. What is counseling? Discuss the stages of counseling. 5+10 =15
 2. Critically discuss Freud's theory in the light of neo-Freudian approach.
 3. What are the characteristics of a good counselor? Especially mention the virtues of counselors in the light of Roger's concept.
 4. Give a brief account of mental health. What are the criteria of a mentally healthy individual?
- B. Answer any one of the following: 10x1 =10
1. Explain the relational tie between the counselor and counselee and the vice-versa.
 2. What are the roles of ego-functions during the counseling process?
 3. Classify the different types of stress. Explain the various consequences of stress. 4+6 =10
- C. Answer any one of the following: 5x2 =10
1. Eustress
 2. Mental hygiene
 3. Criteria of adjustment
 4. Neuroticism and neurosis

Module 3.3

[Practical]

Total Marks – 50

1. Show the effect of group cooperation on problem solving. 30
2. LNB 10

3. Viva

10

Module 3.4

[Practical]

Total Marks – 50

1. Edit the items of attitude scale on capital punishment using equal-appearing-interval method.30
2. LNB 10
3. Viva 10

SEVENTH PAPER

Module 3.5

[Industrial Psychology and Organizational Behavior]

Total Marks—50

- A. Answer any two of the following: 15x2 =30
1. What is job analysis? Mention the factors that influence job analysis. What are the methods involved in job analysis? 3+5+7 =15
 2. What is Organizational Behavior? How does it influenced by Industrial training? Discuss the role of training on human resource development. 4+5+6 =15
 3. Explain the different environmental and physical factors of work space.
 4. What are the different methods of personnel selection?
- B. Answer any one of the following: 10x1 =10
1. Give a brief account of causes of industrial accident.
 2. What are the different uses of job analysis?
 3. Explain the different content theories of motivation. Differentiate between content and process theory of motivation. 6+4 =10
- C. Write short note on any two:
1. Job satisfaction
 2. Shift work
 3. Two- factor theory of motivation
 4. Off-the-job training

SEVENTH PAPER

Module 3.6

[Psychopathology]

Total marks – 50

- A. Answer any two of the following: 15x2 =30
1. What is normality? Discuss it from the developmental and psychoanalytical point of view.
5+10= 15
 2. Explain the different types of Anxiety disorders. How generalized anxiety disorder is different from phobia. Give a brief account of behaviorist point of view in anxiety disorder. 3+3+9=15
 3. What are the different types of mood disorder? Discuss the causes of bipolar disorder. 3+12 =15
 4. Mention the different types of Schizophrenia. Discuss the psychoanalytical causes of Schizophrenia. 7+8 =15
- B. Answer any one of the following: 10x1 =10
1. Explain the different types of somatoform disorder.
 2. Obsessive compulsive disorder leads to schizophrenia – Explain.
 3. Differentiate between neurotic and psychotic disorders
- D. Write a short note on the following 5x2=10
- a. Defense mechanisms of obsessive compulsive disorder
 - b. First-rank symptoms of Schizophrenia
 - c. Types of Delusions
 - d. Difference between signs and symptoms

Module 3.7

[Practical]

Total Marks – 50

1. Show the effect of competition on ergographic work of your subject. 30
2. LNB 10
3. Viva 10