

BOARD OF INTERMEDIATE EDUCATION:HYDERABAD

FOUNDATIONS OF PSYCHOLOGY-I

First Year Intermediate Syllabus (wef 2014-15)

Unit - 1: Introduction to Psychology: Nature, Scope and Goals of Psychology; Concept and Characteristics of Behaviour; Schools of Psychology- Structuralism, Functionalism, Behaviourism, Psychoanalysis, Humanism and Gestalt. Branches of Psychology – Pure and Applied; Relationship of Psychology with other disciplines.

Unit - 2: Methods of Psychology: Psychological Inquiry; Nature of Psychological Data (Demographic, Physical, Physiological and Psychological information); Methods of Psychology- Observation, Case Study, Interview, Survey and Experimental methods - Steps in conducting Scientific Research (Conceptualization of a problem, Collection of data, Drawing conclusions and Revising research conclusions and developing a theory); Difference between Quantitative and Qualitative methods; Use of Psychological Tests – Individual and Group, Personality, Intelligence and Aptitude tests, Verbal, Nonverbal and Performance tests, Speed and Power tests.

Unit - 3: Bases of Human Behaviour: Structure of a Neuron and Nervous System; Localization of Brain Functions; Role of Neurotransmitters; Endocrine System; Role of Heredity - Genes and Chromosomes; Genetic and Chromosomal Abnormalities; Concept of Genetic Counselling; Socio- Cultural Factors of Shaping Behaviour - Concept of Culture, Socialization, Agents of Socialization; Nature Vs Nurture Controversy. **15 HOURS**

Unit - 4: Human Development: Meaning and Factors influencing Development; Overview of Developmental Stages - Prenatal, Infancy, Childhood, Puberty, Adolescence, Adulthood and Old age (Developmental tasks, Developmental Hazards, Physical, Cognitive, Social, Emotional and Personality development at each stage); Erik Erickson's Theory of Psycho-Social Development.

Unit - 5: Sensation and Perception: Nature and Functioning of Different Sense Modalities; Sensory Thresholds; Sensory Adaptation; Attention- Types and Determinants of Attention; Nature of Perception, Figure and Ground Phenomenon, Principles of Perceptual Organisation; Perceptual Phenomena – Perceptual Constancy, Depth Perception and Movement Perception; Factors influencing Perception (Motivation, Expectations or Perceptual Sets, Cognitive Styles, Cultural Background and Experiences); Abnormalities in Perception – Illusions and Hallucinations.

Unit - 6: Motivation and Emotion: Meaning, Nature and Significance of Motivation, Concepts of Motivation (Need, Drive, Instinct, Incentive and Motive); Motivational cycle; Biological and Psychosocial Bases of Motives; Intrinsic and Extrinsic Motivation; Maslow's Theory on Hierarchy of Needs. Nature and definition of Emotions; Difference between feelings, moods and affect; Components of emotion; Basic emotions; Effects and causes of emotion; Development of Emotions; Managing Negative Emotions like Anger, Anxiety and Fear; Concept of Emotional Intelligence.

Unit - 7: Learning: Nature of Learning; Concept of Learning Curve; Paradigms of Learning – Trial & Error, Classical and Operant Conditioning, Cognitive Learning (Insightful Learning); Concepts of Transfer of Learning, Verbal and Motor Learning; Efficient Methods of Learning; Enhancing Study Habits and Study Skills.

Unit - 8: Memory: Nature and Types of Memory; Information Processing Approach to Memory; Nature and Causes of Forgetting; Forgetting Curve; Methods of Improving Memory.

Unit - 9: Thinking: Nature and Types of Thinking; Tools in Thinking; Creative Thinking – Stages of Creative Thinking, Characteristics of Creative Thinkers; Creativity Vs Intelligence; Factors influencing Creativity.

Unit - 10: Intelligence: Nature of Intelligence; Theories of Intelligence - Spearman, Thurstone, Guilford and Gardner; Classification of Intelligence; Concept of I.Q.; Types of Intelligence Tests; Individual differences in Intelligence – Ability, Aptitude, Achievement, Socio-Economic Status and Gender.

BOARD OF INTERMEDIATE EDUCATION, HYDERABAD
MODEL QUESTION PAPER- PSYCHOLOGY -I YEAR (W.E.F. 2014-15)

Time: 3 Hours

Max.marks:100

Section-A

Answer **any Three** out of the Five questions given below. Each question carries **Ten** marks. **3x10 = 30 Marks**

1. Describe the various steps involved in conducting a scientific enquiry.
2. Describe the role of heredity and environmental factors in shaping human behaviour.
3. What are developmental tasks and why should they be performed?
4. Define learning and Explain about Learning Curves.
5. Describe the various factors that influence depth perception.

Section-B

Answer **any Eight** out of the Twelve questions given below. Each question carries **Five** marks. **8x5 = 40 Marks**

6. Write about humanistic psychology.
7. Explain the components of personality given by Freud.
8. What are the types of interviews?
9. Cognitive development during childhood
10. Perceptual constancies
11. Explain about intrinsic and extrinsic motivation.
12. Discuss about biological bases of motives.
13. Generalization
14. Explain about curve of forgetting.
15. What is the difference between divergent and convergent thinking?
16. What is IQ?
17. What is the difference between aptitude, achievement and intelligence?

Section-C

Answer **any Fifteen** out of the Twenty questions given below. Each question carries **Two** marks.

15x2= 30 Marks

18. Gestalt
19. Introspection
20. What are speed tests?
21. Dominant gene
22. Colour of myelin sheath
23. Neurotransmitter
24. Social thinking
25. Peer relations
26. Size Constancy
27. Drive
28. Need for achievement
29. Skinning box
30. Recall
31. Mnemonics
32. Chunking
33. Stages of creative thinking
34. Concept formation
35. Write about Incubation stage
36. What is aptitude?
37. Group tests of intelligence.

PRACTICAL EXPERIMENTS (Proposed)

(Practicals would involve conducting minimum Twelve Experiments from the following list in the First Year and a Record has to be maintained for which marks will be allotted)

1. Span of Attention
2. Division of Attention
3. Vividity of Imagination
4. Muller-Lyer Illusion
5. Bilateral Transfer of Learning
6. Maze Learning
7. Study Skills
8. Study Habits
9. Recall Test
10. Recognition Test
11. Effect of Meaning on Recall
12. Standard Progressive Matrices
13. Alexander Pass-Along Test
14. Test of Creativity
15. Anger Styles Questionnaire
16. Emotional Intelligence Questionnaire