

## **BA III**

### **PAPER - I**

PSYCHOLOGICAL STATISTICS M.M.:50(Paper Code-0250)

This paper consists of 5 units.

From each unit a minimum of two questions would be set and candidates would be required to attempt one from each unit.

UNIT-I Statistics: Meaning and application in Psychology, nature of score, categorical and continuous variables, frequency distribution, Graphic representation of data.

UNIT-II Measures of Central Tendency: Mean, Median and mode of group and ungrouped data, Measures of variability: Range, S.D., Q.D., A.D., applications of measures of central tendency and variability.

UNIT-III Nature and characteristics of normal probability curve: concept of skewness and Kurtosis, Correlation: Concept, Types and methods - rank difference and productmoment (in ungrouped data), Biserial and Tetrachoric coefficient.

UNIT-IV Inferential statistics: Concept of null Hypothesis, level of significance, type I error & type II error, T-test (uncorrelated data)

UNIT-V Distribution free statistics: Chi-square, Median and sign test, applications of computer in psychological statistics.

### **PAPER - II (Optional)**

(A) HUMAN DEVELOPMENT M.M.:50

(Paper Code-0251)

This paper consists of 5 units.

From each unit a minimum of two questions would be set and candidates would be required to attempt one from each unit.

UNIT-I Concept of Human Development, Theories of Human Development :Psychoanalytical and Maslow, Determinants of Human Development - Biological, social, cultural factors, Approaches to study human developments: Longitudinal and cross - sectional.

UNIT-II Socialisation : Role of family, peers and school, Media and socialisation, Ecological factors in Human Development, Cognitive Development :Theoretical Perspectives Piaget, Information Processing, Vygotsky.

UNIT-III Self and Identity: Emergence of self, Development of personal identity, identity crises, Physical and sexual maturation, Sequential development of emotions.

UNIT-IV Development of morality and self-concept, Development of gender differences and gender roles. Role of marriage, family and occupation in Human Development.

UNIT-V Problems of Aging - Cognitive, conative, affective, Developmental Disabilities.

### **PSYCHOLOGY PRACTICALS M.M.:50**

This paper carries 50 marks. It comprises of two parts. Part A comprises of psychological experiments and testing while part B comprise of completion of Project Report.

#### **PART - A**

Note :From the following experiment any 5 are to be done-

1. Bilateral transfer of training.
2. Measurement of Illusion.

3. Habit interference. 4. Effect of need priority on selection of Advertising material

5. Effect of mental fatigue upon performance. 6. Reaction Time

7. Effect of frustration on learning. 8. Depth Perception.

Note: From the following tests any 4 are to be done-

1. Level of aspiration 2. Need for guidance 3. Maturity scale 4. Attitude Scale.

5. Classroom environment scale. 6. Mental health 7. Family environment test

8. Test of Moral values.

#### PART - B

The candidate will be allotted a topic of project by the departmental committee. He/she is required to carry out a small-scale project based on small sample. He/she is required to complete the project and submit its report. 15-20 pages, covering all major steps of scientific enquiry under the supervision of the departmental teacher. This will be the part of practical work. The suggested areas for the project work are as under Mental health, sibling rivalry, deprivation, identity crises, drug abuse aging media effect, woman employment, Job satisfaction, stressmanagement, problems of adolescent etc.