

**THIRD YEAR B.P.E. (SUPPLEMENTARY) DEGREE EXAMINATION
APRIL 2017**

Paper XIV—TEST AND MEASUREMENT IN PHYSICAL EDUCATION

(2010 Admissions)

Time : Three Hours

Maximum : 75 Marks

Answer any **five** questions of which **three** should be from Part A and **two** questions from Part B
Question 8 is compulsory.

Part A

1. Meaning of the terms test, measurement and Evaluation. (15 marks)

2. Write Short Notes on :

- (a) Administration of testing programme.
- (b) Elementary idea of computers hardware and software.
- (c) Administrative feasibility.

(3 × 5 = 15 marks)

3. Briefly write about :

- (a) Brady's volleyball test.
- (b) Johnson basketball ability test.
- (c) Broer miller tennis test.

(3 × 5 = 15 marks)

4. Explain the following :—

- (a) Criteria for test selection.
- (b) Measures of central tendency.
- (c) McCloy's classification.

(3 × 5 = 15 marks)

5. Write about :

- (a) Meaning and use of percentiles and quartiles.
- (b) Graphical representation of data: Frequency polygon.
- (c) Techniques of sampling.

(3 × 5 = 15 marks)

Turn over

Part B

6. Explain measures of variability and compute mean and standard deviation of the following data :

Class Interval	Frequency
80 - 84	4
75 - 79	3
70 - 74	5
65 - 69	7
60 - 64	11
55 - 59	13
50 - 54	9
45 - 49	6
40 - 44	5
35 - 39	2

(15 marks)

7. Explain briefly about the following :—

- Harvard step test.
- Sheldon's Body types.
- Kraus - weber test.

(3 × 5 = 15 marks)

8. Answer any five of the following :—

- Malnutrition.
- Correlation.
- Sphygmomanometer.
- Self - concept.
- Types of Data.
- Norms.
- Vital Capacity.
- Range.

(5 × 3 = 15 marks)