C 45031   (Pages : 2)   Name......................................

Reg. No...............................

THIRD YEAR B.P.E. DEGREE EXAMINATION, AUGUST 2013

Paper XIV—TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION

Time : Three Hours   Maximum : 75 Marks

Answer any five questions of which **three** *questions should be from Part A and* **two** *questions from Part B including* **question number 8**, *which is compulsory.*
All questions carry equal marks.

Part A

1. Explain the importance of Test, Measurement and Statistics in Physical Education.

2. Briefly discuss about the following :—

    (a)   Physical fitness, motor fitness and general motor ability.

    (b)   Characteristics of Sheldon's body types.

    (c)   Factors and general method of classification.

3. Write short note on :

    (a)   AAHPER Youth Fitness Test.

    (b)   Brady Volleyball test.

    (c)   Lockhart and Mc-Phersons badminton test.

4. Explain about the following :—

    (a)   The procedure of administrating a test.

    (b)   Outline the use of computer in physical education in the process of teaching and training.

    (c)   History and importance of Anthropometric measurements.

5. Write about :

    (a)   Define sampling ? Discuss the importance and principles of sampling.

    (b)   Meaning and use of percentiles and quartiles.

    (c)   Explain the meaning and importance of social efficiency.

Part B

6. Explain Measures of variability, measures of central tendency and compute mean and standard deviation of following data :

S.I	70—74	65—69	60—64	55—59	50—54	45—49	40—44	35—39	30—34	25—29
F	3	5	7	12	15	10	8	5	3	2

Turn over

7. Write notes on following :—

    (a) How long would it take 1,000 to double to 2,000 in a 5 % bank account ?

    (b) Explain the various elements of a balanced diet.

    (c) MC Donald Soccer test.

8. Write very short note on any *five* of the following :—

    (a) Algebraic additions.

    (b) Correlation.

    (c) Norms.

    (d) Kretchmer's body types.

    (e) Malnutrition.

    (f) Types of Data.

    (g) Snellen chart.

    (h) Harward steps test.