

42677

Name :

Reg. No:

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

Paper XIV – TESTS & MEASUREMENT IN PHYSICAL EDUCATION

Time : Three Hours

Maximum : 75 Marks

Instructions: Answer any five questions of which three questions should be from Part A and two questions from Part B, including Question 8 which is compulsory. Each question carries equal marks.

PART-A

1. Discuss in detail about the criteria for test selection.
2. Write notes on:
 - a) Importance and principles of sampling
 - b) Administrative feasibility
 - c) Measures of central tendency
3. Answer the following
 - a) Match the following:

i. IRM test	i. Spirometer
ii. Vital capacity	ii. Snellan's chart
iii. BMI	iii. Software
iv. Windows	iv. Body composition
v. Vision	v. Muscular strength
 - b) Answer in one /two words
 - i. The volume of air inspired or expired per breath.
 - ii. The volume of blood ejected from the left ventricle of the heart per beat.
 - iii. The maximum force that can be developed within a muscle or group of muscles during a single maximal contraction.
 - iv. The ability to move rapidly.
 - v. The excessive accumulation of fat weight
 - c) Find the following:
 - i. $\log 100 + \log 1000$
 - ii. $(a+x)(b+x)$
 - iii. $\sqrt{412}$
 - iv. $\log(a/b)$
 - v. $2x + 3v - 8z$
4. Write short notes on;
 - a) Correlation – meaning, magnitude and interpretation of sign
 - b) Administration of testing programme
 - c) Measuring of Power
5. Explain the following:
 - a) Harward step test
 - b) Cooper's 12 min run/walk test
 - c) Vertical jump test

Turn over

Part - B

6. Elucidate the need and importance of test, measurement and statistics in physical education.

7. Write short notes on:

- a) Sheldon's body types and their characteristics
- b) AAHPERD Youth Fitness test
- c) Johnson Basketball Ability test

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

- a) JCR test
- b) Balanced diet
- c) Ogive
- d) Broer Miller Tennis test
- e) Dribbling and goal shooting test in Hockey
- f) Shuttle run test
- g) Mc Donald Soccer test
- h) Behaviour rating scales