

**M.P.Ed. Examination, 2015**

**Semester-IV**

**Physical Education**

**Paper – MPED-241**

**(Measurement and Evaluation in Physical Education)**

**Time: 3 Hours**

**Full Marks: 40**

*Questions are of value as indicated in the margin.*

Answer *all* questions.

**Unit-I**

1. Classify and explain written test. What are the general steps to be considered in construction of a written test? 4+4=8

or

Classify and explain psychomotor test. Describe general steps for constructing a physical fitness test. 4+4=8

**Unit-II**

2. Enlist Cattell's 16 personality factors. Describe the methods of administering and scoring of Cattell's 16-PF Questionnaire. 4+4=8

or

Describe Mc Mahan sportsmanship Questionnaire indicating objectives, instruction, administration and evaluation processes of the test. 8

**Unit-III**

3. What is grading? Discuss the purpose of grading in Physical Education. What is formative assessment? 2+4+2=8

or

Discuss the processes of grading in Physical Education. What is summative assessment? 6+2=8

**Unit-IV**

4. What are body type and somatotype? Differentiate between Sheldon's method and Heath-Carter's method of somatotyping. 2+6=8

or

Name two anthropomists before 1925 with their different classifications of human physique and year of development, Assess somatotype from the following anthropometric measurements using Heath-Carter (1990) 2+6=8

Height – 172 cm

Humerous Bone Diameter – 9.1 cm

Weight – 68 kg

Femur Bone Diameter – 14.5 cm

Arm girth – 27.2 cm

Skinfolds: Triceps – 8.3 mm

Calf girth – 38.4 cm

Subscapular – 11.6 mm

Suprailiac – 18.8 mm

Calf – 10.2 mm

P.T.O.

(2)

**Unit-IV**

5. What is body composition? Describe different levels of human body composition and their measuring technique. 2+6=8

or

Calculate % fat, lean body mass, skeletal mass and muscle mass using standard formulas considering necessary measurements selected by you in each measure. 8

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