

M.P.Ed. Sem. II

May. 2016

9-5-16

S. No. 2001

Roll No.....

**Master of Physical Education
M.P.Ed./Semester-II-May -2016
Paper-MPE-801**

(Research Process and Statistical Techniques in Physical Education)

Time: 3 Hours

Maximum Marks: 75

(Write your Roll No. on the top immediately on receipt of this question paper)

Note: Attempt any five questions. All questions carry equal marks

- Q. 1. Explain Experimental Research along with its characteristics.
- Q.2. Give your views on role of research in Motor Learning and Motor Control.
- Q.3. What do you understand by Research Report? Explain the Technical aspect of writing research report.
- Q.4. What are the principles of Probability Curve? Explain various methods to assess non-normality of a curve.
- Q.5. What are the importance of various scales? Provide details with illustrations.
- Q.6. What do you understand by Relationship Statistics? Calculate the Coefficient of Correlation from given variables:

Weight (kg)	Long Jump (m)
72	7.12
81	7.40
69	7.08
85	7.89
75	7.32
78	7.40
80	7.44

- Q.7. Elaborate the role of comparative statistics in research. Compare following variables:

N_1	20
N_2	20
X_1	152
X_2	148
SD_1	21.6
SD_2	23.1

- Q.8. Write short notes on **any three** of the following:

- Fixing Non-Normality.
- Growth and Developmental Research.
- T-test.
- Types of Experimental Design.