

Name of the course : Master of Physical Education (M. P. Ed.)

Semester : II-May/June-2024

Name of the Subject : Physical Education

Name of the Paper : MPE-801- Research Process and Statistical Technique in Physical Education

Maximum Marks: 75 Marks

Duration: 3 Hours

Instruction to Candidates:

1. Attempt any five questions.
2. All questions carry equal marks

Q.1 What do you understand by Experimental Design? Name various Experimental Design. Explain any four experimental designs in detail with illustrations.

Q.2 Name various areas of Research in Physical Education. Explain any one area of Research in details with illustration.

Q.3 Explain in detail formulation and submitting the Research Proposal.

Q.4 Write in detail technical aspect of writing research report with illustration.

Q.5 Write in details Principles of Normal Curve. Calculate Skewness from following scores:

Mean = 31.8

Median = 29.2

SD = 12.9

Q.6 What is Scale? Explain in details comparison of z scale and t scale.

Q.7 What do you understand by Co-efficient of Correlation. Calculate the Product Moment Correlation from the following scores:

X	Y
28	33
30	23
26	54
11	26
42	84
48	38
44	46

Q.8 What do you understand by Binomial Expansion? Draw graphical representation for toss of 10 coins.