

Serial No.

Roll No.....

**MASTER OF PHYSICAL EDUCATION
(M.P.Ed.) SEMESTER –I – 2022**

Paper: MPE-0701: Research Process and Statistical Techniques in Physical Education

Time: (3 hrs + 1 hr*)

Maximum Marks: 75

***For Downloading of QP, Scanning answer sheet and uploading it.**

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

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

Q.1 What is meaning of Research. Elaborate the role of research in Physical Education & Sports.

Q.2 What do you understand by Historical research? How Historical research does helps to uplift the standard of Physical Education & Sports.

Q.3 Describe the importance of Statistics. Elaborate the uses and application of Non-parametric Statistics in Physical Education and Sports.

Q.4 What do you understand by Measure of Central Tendency? Explain its types with uses in research. Calculate Mean from following data:

Class Interval	Frequency
59.1 – 59.5	1
59.6 – 60.0	9
60.1 – 60.5	16
60.6 – 70.0	25
70.1 – 70.5	34
70.6 – 80.0	20
80.1 – 80.5	11
80.6 – 90.0	3

Q.5 Define Probable Error. Calculate Probable Error from above given data.

Q.6 Define Chi Square. Calculate Chi Square from following data:

31	33	42	38
32	36	19	54
23	30	41	41
40	34	32	39