

**M.P.Ed. Examination, 2016**

**Semester – I**

**Course – MPCC-101**

**(Research Process in Physical Education & Sports Sciences)**

**Time: 3 Hours**

**Full Marks: 70**

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

**Answer one question from each unit**

**Unit-I**

1. Define and classify Research. Explain the nature and scope of Research in Physical Education. 4+10=14

**Or**

Write down the criteria for selection of a Research Problem and explain the qualities of a good Researcher. 7+7=14

**Unit-II**

2. Define Questionnaire and its type and write down the steps for development of Questionnaire. 2+5+7=14

**Or**

Write short notes (**any two**) 2×7=14

- a) Case study
- b) Primary and Secondary data.
- c) Internal and External Criticism.

**Unit-III**

3. Write down the nature and importance of Experimental Research and Explain the True Experimental design. 6+8=14

**Or**

Write short notes (**any two**) 7+7=14

- a) Meaning and types of variables
- b) Single Group design and repeated group design
- c) Randomized Group design & pre test post test Randomized Group design.

**Unit-IV**

4. Define Sample and Population. Explain in details systematic sampling and stratified sampling. 2+2+5+5=14

**Or**

What is the difference between probability and non probability sampling and discuss Multistage and Quota Sampling. 4+5+5=14

**Unit-V**

5. Write short notes (**any two**) 7×2=14
- a) Methods of writing abstract and full paper for publishing in journals.
  - b) Difference between Research Report and Research Proposal.
  - c) Mechanics of writing Research Report.

**Or**

Discuss different parts of a research report. What do you mean by Footnote and bibliography? 10+4=14