

M. P. Ed. 1st Semester Examination 2022
RESEARCH PROCESS IN PHYSICAL EDUCATION AND SPORTS SCIENCES
MPCC – 101

Full Marks – 70

Time – 4 Hours

The figures in the margin indicates full Marks.
The candidates are required to give their answers in their own words as far as practicable.
Illustrate the answer wherever necessary.

1. Define Research. Briefly discuss about the need for research in physical education. Discuss about the application of applied research in physical education with suitable example. **3+5+7=15**

OR

What are the different criteria for selection of a research problem? Discuss the characteristics of a good research. State about the different types of research. **3+7+5=15**

2. Briefly discuss about different types of survey methods. Define case study and its characteristics? Differentiate between primary data and secondary data. **6+5+4=15**

OR

What is experimental research? Discuss different steps of conducting experimental research. Briefly discuss about the importance of experimental research in physical education. **3+7+5=15**

3. Define sample and population? Differentiate between probability sample and non-probability sample. Write about the importance of sampling in physical education. **5+5+5=15**

OR

Write short notes on any two from the following **7.5x2**

- a) Area sampling b) cluster sampling c) stratified sampling d) snow ball sampling

4. Discuss about the significance of a research proposal. What are the different methods for writing a research proposal? Define hypothesis and its types. **5+6+4=15**

OR

Briefly discuss about the importance of review of related literature. Write about the format of a research report. Write in brief about the different characteristics of research report. **7+3+5=15.**

5. **Write notes on any two from the following** **5x2=10**

- a) Bibliography
 b) Variables
 c) Experimental
 d) Judgment sampling
 e) Multistage Sampling