



QP CODE: 24801011



24801011

Reg No : .....

Name : .....

**M.P.E.S DEGREE EXAMINATION, FEBRUARY 2024**

**First Semester**

MASTER OF PHYSICAL EDUCATION AND SPORTS

**CORE - PE030101 - RESEARCH PROCESS IN PHYSICAL EDUCATION AND SPORTS  
SCIENCES**

2020 Admission Onwards

746DD762

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

Answer any **eight** questions.

Weight 1 each.

1. Define research.
2. What is hypothesis?
3. Write a short note about descriptive research methods?
4. What is secondary data in historical research?
5. What do you mean by static group comparison design?
6. What are the common sources of errors in experimental group design?
7. How would you select a sample? Explain by means of examples?
8. What is nonprobability sampling?
9. What do you mean by dissertation?
10. What are the types of research reports?

(8×1=8 weightage)

**Part B (Short Essay/Problems)**

Answer any **six** questions.

Weight 2 each.

11. Explain scope of research in physical education and sports sciences.
12. What are the important steps to remember in survey method?





13. Describe internal and external criticism in historical research.
14. Explain the steps involved in experimental research.
15. Explain the common source of errors in experimental research.
16. Discuss probability sampling and its types.
17. How snowball sampling helps the researcher to collect maximum data?
18. Explain the procedure in the presentation of footnote.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. How to introduce historical research and explain the various steps in carrying out research work?
20. Discuss the concept of experimental research and various types of experimental research designs.
21. Discuss sampling and population various type of sampling and common source of errors in sampling.
22. What is research proposal and method of writing proposal?

(2×5=10 weightage)

