

Ex/Phy.EDN/PG/MPCC-101/195/2017

M. PED. EXAMINATION, 2017

(1st Year, 1st Semester)

RESEARCH PROCESS IN PHY. EDUCATION & SPORTS SCIENCES

PAPER - MPCC - 101

Time : Three hours

Full Marks : 70

Answer *Q.No. 6, 7* and *any three* from the rest.

1. What is research ? Explain the nature of Research in Physical Education and Sports. 3+12=15
- ১। গবেষণা কি ? শারীরশিক্ষা এবং ক্রীড়াক্ষেত্রে গবেষণার প্রকৃতি আলোচনা কর।
2. Explain Historical Research. Discuss the types of criticism of Historical sources of research data. 3+12=15
- ২। ঐতিহাসিক গবেষণার ব্যাখ্যা দাও। ঐতিহাসিক গবেষণার সমালোচনার বিভিন্ন পদ্ধতি আলোচনা কর।
3. Write down the advantages of sampling. What do you mean by probability and non-probability sampling ? Explain any two sampling methods. 2+3+5+5=15
- ৩। নমুনায়নের সবিধা লেখ। সম্ভবনাময় ও সম্ভবনাহীন নমুনায়ন বলতে কি বোঝ ? যে কোন দুটি নমুনায়ন পদ্ধতির ব্যাখ্যা দাও।
4. Explain Dependent and Independent variables with suitable example. Define experimental research design. Explain any two experimental research design. [Turn over

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৪। স্বতন্ত্র ও নির্ভরশীল চলরাশি উদাহরণ সহযোগে ব্যাখ্যা কর। পরীক্ষামূলক গবেষণার নকশার সংজ্ঞা দাও। যে কোন দটি পরীক্ষামূলক গবেষণা নকশা ব্যাখ্যা কর।

5. What is Research Report ? Explain the steps of a Research Report.

৫। গবেষণার বিবরণ কি? গবেষণা বিবরণের ধাপগুলি ব্যাখ্যা কর।

6. Write short notes on *any three* of the following : 3×5=15

- Types of Research
- Sample and population
- Hypothesis
- Statistics and parameters
- Research proposal

৬। সংক্ষিপ্ত টীকা লেখো (যে কোন ৩টি)

- গবেষণার প্রকার
- নমনা ও জনগোষ্ঠী
- প্রকল্প
- স্ট্যাটিসটিক ও প্যারামিটার
- গবেষণা প্রস্তাব

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ix) Which of the following is probability sampling

- Purposive sampling
- Snowball sampling
- Cluster sampling
- Dimensional sampling

x) The implication of experimental research is

- What was
- What is
- What will be
- None of the above

xi) Research used for studying practical problems and finding a solution to it is

- Basic research
- Applied research
- Experimental research
- Evaluation

xii) The scope of research is indicated by –

- Limitations of the study
 - Delimitations of the study
 - Definition and explanation of the terms
 - Interpretation of research results
-

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- iv) Case study does not include
- a) Observation b) Interview
 - c) Questionnaire d) Measurement
- v) Research proposal is also called
- a) Abstract b) Summary
 - c) Synopsis d) Methodology
- vi) Whether or not a given source is genuine admissible as evidence is found through
- a) Internal Criticism b) External criticism
 - c) Both (a) and (b) d) None of the above
- vii) Which of the following is a secondary source of historical research ?
- a) Pictorial records b) Mechanical records
 - c) Personal records d) Text books
- viii) Sampling in which elements are grouped together because they share certain characteristics is
- a) cluster sampling b) systematic sampling
 - c) stratified sampling d) simple random sampling

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7. Answer **any ten** questions : 1×10=10
- i) The kind of research that helps physical education teachers to solve day-to-day contextual problems is known as
- a) Basic Research b) Fundamental Research
 - c) Action Research d) Applied Research
- ii) The major aim of Research in Physical Education and sports is to -
- a) ensure human well-being
 - b) help enhance athletic performance
 - c) Develop a sound body of knowledge for these disciplines
 - d) Educate academicians in these areas of human endeavour.
- iii) A good review of literature in a dissertation
- a) is a sign of very high scholarship
 - b) makes the thesis bulky showing hard
 - c) enables the researcher to support underlying assumptions.
 - d) strengthens the general frame work of the problem.

[Turn over