

B.P.Ed. Examination, 2019
Semester-IV
Physical Education
Course : CC-403
(Research and Statistics in Physical Education)

Time : 3 Hours

Full Marks : 70

Questions are of value as indicated in the margin

Answer all questions as per the direction given in each unit.

UNIT - I

1. Define and classify Research. Write down the need and importance of Research in Physical Education. 3+4+8=15

Or

Write notes on:

7.5×2=15

- a) Limitation and Delimitation
b) Location and criteria of selection of a research problem.

UNIT – II

2. Discuss the need for surveying literature. Write down the procedure of E-searching for related literature. 8+7=15

Or

What is research proposal? Explain the Research report format in details. 3+12=15

UNIT – III

3. Define statistics. Write down its nature and importance in the field of Physical Education. 3+6+6=15

Or

Prepare a frequency distribution table from the following raw scores with step interval of 7. 15

52, 35, 75, 46, 63, 58, 51, 48, 39, 67, 74, 59, 41, 62, 76, 62, 42, 38, 65, 56, 47, 55, 49, 40, 58, 45, 76, 59, 62, 54, 47, 63, 70, 43, 63, 41, 61, 69, 44, 60, 54, 61, 43, 69, 62

UNIT – IV

4. Calculate mean, median and mode from the following distribution. 15

Scores		f
180 – 184	-	1
175 – 179	-	1
170 – 174	-	2
165 – 169	-	6
160 – 164	-	7
155 – 159	-	11
150 – 154	-	14
145 – 149	-	8
140 – 144	-	7

P.T.O.

135 – 139	-	7
130 – 134	-	2
125 – 129	-	1

Or

Calculate standard deviation, Quartile deviation from the frequency distribution mentioned above in Unit-IV.

15

UNIT - V

5. Write the correct answer from the following : 10×1=10

- i) The research aims at finding a solution for an immediate problem is
 - a) Basic research b) Applied Research c) Action Research d) All
- ii) The no of scores lying in a step interval is
 - a) Range b) Raw score c) Group data d) Frequency
- iii) A process that requires a logical and objective approach to problem solving is
 - a) Statistics b) Management c) Both A & B d) Research
- iv) 50% score in a distribution is
 - a) Mean b) Median c) Mode d) Percentiles
- v) A set of data when represented in the form of picture is called
 - a) Chart b) Graph c) Diagram d) Geometry
- vi) The scores that appear most frequently is
 - a) Mean b) Median c) Mode d) Range
- vii) Hypothesis is also called
 - a) Hunch of Scholar b) Tentative conclusion c) Guess of Scholar d) All
- viii) The term to identify the boundaries of a research is
 - a) Limitation b) Delimitation c) Hypothesis d) Range
- ix) A single score that best represents all the scores
 - a) Central Tendency b) Variability c) Graph d) Ogive
- x) A set of values either quantitative or qualitative in nature is called
 - a) Test b) Data c) Statistics d) Mathematics in a distribution
