



J. Sambal

Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with A++Grade by NAAC. Recognised by UGC Under
Section 12B, Coimbatore - 641 043, Tamil Nadu, India

Continues Internal Assessment Test II –April 2024
IV Semester

Class : II B.P.Ed
Branch : Physical Education

Time : 2 Hours
Max. Marks : 60

23BPDE4A - DSE IV - Research and Statistics in Physical Education

Course Outcomes:

1. Identify the research problem in the field of physical Education and sports
2. Know to Summarize the various research literature
3. Understand and apply the basics of statistics in research.
4. Organize the samples and sampling techniques which is relevant to the study.

Part A

6 x 1 = 6

Choose the Correct Answer

1. It is the blue print for your research project CO2K3
a. Research proposal b. Research Design c. statistical analysis d. Collection of data
2. Defining of Population/ Subset of Population is known as CO2K3
a. sampling b. statistics c. formulation d. design
3. The branch of applied mathematics is CO4K3
a. Algebra b. calculus c. statistics d. integration
4. The most frequent score in data set is CO2K3
a. mean b. median c. mode d. infinity
5. The values that divide a dataset into four equal part is CO3K3
a. variance b. quartile c. median d. percentile
6. The test which is used for hypothesis testing in statistics is CO4K4
a. f ratio b. mean deviation c. standard deviation d. t -test

PART – B

Answer the following

3 x 6 = 18

Answer should not exceed 200 words or one page

- 7.a. Write about Research Design. CO2K3
(or)
- 7b. Explain about Sampling. CO3K3
- 8.a. Elucidate Class Interval with example. CO3K4
(or)
- 8b. Write is the difference between Raw scores and primary data. CO4K5
- 9.a. What do you understand about standard Deviation? CO3K4
(or)
- 9b. Write about the measures of Central Tendency. CO2K5

PART – C

Answer the following

3 x 12 = 36

Answer should not exceed 200 words or one page

10. a. Explain the features of good research design CO3K2
(or)
- 10 b. Types of sampling and characteristics of sampling CO1K4
11. a. Explain-Class Distribution and construction of tables, Graphical representation CO3K4
(or)
- 11 b. Measures of Central tendency, concept and calculation CO3K4
- 12 .a. Explain about the measures of variability CO2K4
(or)
- 12 b. Explain about Correlation in detail CO3K4

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Staff in –charge: Dr.P.Vainthamani