

Continuous Internal Assessment Test II – March 2019

SEMESTER IV

CLASS : II B.P.Ed.  
Major : Physical  
Education

Time: 2 Hrs.  
Max. Marks: 60

15BPDE4A Research and Statistics in Physical Education

PART – A

Circle the correct answer

5 x 1 = 5

1. The word statistics has been derived from status which belong to  
a. Sanskrit      b. Greek      c. Latin      d. Urdu
2. Statistics simplifies  
a. complexity      b. Definite form      c. formulation      d. comparison
3. In statistics to find out the average of the scores is known as  
a. Mean      b. median      c. mode      d. series
4. The word percentile denotes the conversion of data into  
a. 10<sup>th</sup>      b. 50<sup>th</sup>      c. 75<sup>th</sup>      d. 100<sup>th</sup>
5. Which one is not belongs to Probability samples  
a. random      b. systematic      c. stratified      d. ungrouped

PART – B

Answer the following in one or two sentences

5 x 2 = 10

6. Define Statistics
7. What is Raw Score?
8. What is Sampling?
9. What is Mode?
10. What is Variable?

**PART – C**

**Answer the following**

**3 x 5 = 15**

**Answer should not exceed 200 words or one page**

11. a. Write about the importance of Statistics

Or

11. b. Explain about class intervals

12. a. Elucidate the features of research design

or

12. b. Write about the characteristics of good sample

13. a. Write about the measures of Central Tendency

Or

13. b. Give the advantages and Disadvantages of grouped and ungrouped

**PART – D**

**Answer the following**

**2 x 15 = 30**

**Answer should not exceed 1200 words or six pages**

14. a. Explain the graphical presentation of class distribution with diagram

Or

14. b. The following marks are obtained by 15 students of the class obtain the average marks, median and mode.

10,15,12,18,22,25,30,27,40,21, 35,28,41,18,36

15. a. Write about the measures of variability

or

15. b. Determine the mean, median and mode of the following distribution

Group :        0-10, 10-20, 20-30, 30-40, 40-50, 50-60

Frequency :    3        5        10      9        7        6

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