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Total No. of Questions: 07

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BCA (Sem.-2)

FUNDAMENTALS OF STATISTICS

Subject Code: UGCA-1907 M. Code: 77415

Date of Examination: 04-07-22

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

Q1. Write briefly :

- a) Name any two uses of Statistics.
- b) What is meant by Primary data?
- c) Enlist any two objectives of Data Classification.
- d) How tabulation is carried out?
- e) What are different types of Graphs?
- f) What are the two characteristics of Average?
- g) Define Arithmetic mean.
- h) What is Mean deviation?

i) Write the mathematical formula of correlation.

j) What is meant by Dispersion?

SECTION-B

Q2. a) Discuss any five features of Statistics.

b) What are Statistical Errors? Explain.

Q3 a) What are different methods of classification of data? Explain.

b) Explain the components of statistical table.

Q4. What are merits and demerits of Arithmetic Mean? Write different formulas used for calculation of Arithmetic Mean.

Q5. Explain different measures of dispersion by taking suitable examples.

Q6. a) Discuss the merits and demerits of range.

b) Write the steps to calculate mean deviation.

Q7. a) What is meant by standard deviation? Explain.

b) Discuss the steps to calculate Variance.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.