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Total No. of Pages : 02

Total No. of Questions : 07

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) What is meant by Dispersion?
- j) Write the mathematical formula of correlation.

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.