

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 16

BCA (2019 Batch) (Sem.-2)
FUNDAMENTALS OF STATISTICS
Subject Code : UGCA-1907
M.Code : 77415

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

Write briefly :

- Q1. Name any two functions of Statistics.
- Q2. What is meant by secondary data?
- Q3. Enlist any two ways to classify numeric data.
- Q4. What are general rules for construction of a table?
- Q5. What are different advantages of graphs?
- Q6. What are two characteristics of central tendency?
- Q7. Define Harmonic mean.
- Q8. What is standard deviation?
- Q9. What is meant by coefficient of variation?
- Q10. Write the mathematical formula for mean deviation.

SECTION-B

- Q11. a) Discuss the scope and limitations of statistics.
b) What is meant by rounding off data? Explain.
- Q12. a) What are different methods of tabular presentation of data? Explain.
b) Explain different types of diagrams used for graphical presentation of data.
- Q13. What are merits and demerits of median? Write different formulas used for calculation of median.
- Q14. Explain different objectives of dispersion by taking suitable examples.
- Q15. a) Discuss the merits and demerits of mean deviation.
b) Write the steps to calculate standard deviation.
- Q16. a) What is meant by range? Explain.
b) Discuss merits and demerits of Variance.

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