

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--

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.

**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**