H Roll No. ....

BCH–306

B. COM. (H) (THIRD SEMESTER)
MID SEMESTER EXAMINATION, 2022
BUSINESS STATISTICS

Time : 1½ Hours

Maximum Marks : 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each question carries 10 marks.

1. (a) Do you agree with the view "that statistical data are the foundation for wise decision making ?" Give suitable examples.   10 Marks (CO1)

OR

(b) What role does Business Statistics play in the management of a business enterprise ? Explain its scope and limitations.

10 Marks (CO1)

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2. (a) Distinguish between primary and secondary data. What precautions would you take before using data from a secondary source?　　10 Marks (CO2)

OR

(b) Represent the following data by a sub-division bar diagram :　10 Marks (CO2)

Year	2014-15 (₹)	2015-16 (₹)	2016-17 (₹)
Gross Income	46,000	48,200	55,200
Gross expenditure	40,000	45,000	50,000
Net Income	6,000	3,200	5,200

3. (a) Comment on the statement "Statistics is a science as well as art."　10 Marks (CO1)

OR

(b) "Statistics is a body of methods for making wise decisions in the face of uncertainty." Comment on this statement and point out the limitations of statistics.

10 Marks (CO1)

4. (a) What are the requisites of a good table? State the rules that serve as a guide in tabulating statistical material.

10 Marks (CO2)

OR

(b) "Diagrams do not add anything to the meaning of statistics but, when drawn and studied intelligently, they bring to view the salient characteristics of a graph." Explain.

10 Marks (CO2)

5. (a) Define sampling and explain the various methods of sampling.　10 Marks (CO2)

OR

(b) "Data collected in census are automatically free of errors." Discuss the validity of statement.　10 Marks (CO2)