

(4)				BCH-201			
13	19	22	14	13	16	19	21
23	11	27	25	17	17	13	20
23	17	26	20	24	15	20	21
23	17	29	17	19	14	20	20
10	22	18	25	16	23	19	20
21	17	18	24	21	20	19	26

- (a) Group these figures into a table having the classes 10-12, 13-15, 16-18, ..... and 28-30.
- (b) Convert the distribution of part (a) into a corresponding percentage frequency distribution and a percentage cumulative frequency distribution.

H

Roll No. ....

## BCH-201

**B. Com. (H)**  
**(SECOND SEMESTER)**  
**MID SEMESTER**  
**EXAMINATION, April, 2023**

**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) What role does business statistics play in the management of a business enterprise ?  
Explain its scope and limitation. 10 (CO1)

OR

- (b) Do you agree with the view "that statistical data are the foundation for wise decision making ?" Give suitable example. 10 (CO1)

*P. T. O.*

(2) BCH-201

2. (a) Illustrate one-dimensional and two-dimensional diagram. 10 (CO2)

OR

- (b) Illustrate the data and its types. 10 (CO2)

3. (a) Explain the importance of Tabulation of data and discuss the parts of table. 10 (CO3)

OR

- (b) Explain different sampling techniques with suitable example. 10 (CO3)

4. (a) The following data represent the gross income, expenditure (in ₹ lakh), and net profit (in ₹ lakh) during the years 2009 to 2012. 10 (CO4)

	2009-2010	2010-2011	2011-2012
Gross income	570	592	632
Gross expenditure	510	560	610
Net income	60	32	22

Construct a diagram or chart you prefer to use here.

(3) BCH-201

OR

- (b) Distinguish : 10 (CO4)

(i) Multiple Bar Chart, Deviation Chart and Subdivided Bar Chart.

(ii) Primary Data and Secondary Data.

(iii) Inclusive Method and Exclusive Method.

5. (a) The following set of numbers represents mutual fund prices reported at the end of a week for selected 40 nationally sold funds. 10 (CO5)

10 17 15 22 11 16 19 24 29 18  
25 26 32 14 17 20 23 27 30 12  
15 18 24 36 18 15 21 28 33 38  
34 13 10 16 20 22 29 29 23 31

Arrange these prices into a frequency distribution having a suitable number of classes.

OR

- (b) Following are the number of two wheelers sold by a dealer during eight weeks of six working days each. 10 (CO5)

P. T. O.