



Term Evaluation (Even) Semester Examination March 2025

Roll no.....

Name of the Course: B.Com (H)

Semester: VI

Name of the Paper: Research Methodology

Paper Code: BCH-605

Time: 1-5 hour

Maximum Marks: 50

Note:

- (i) Answer all the questions by choosing any one of the sub questions.
- (ii) Each question carries 10 marks

Q1 (10 marks) CO1
(a) Define Research, and the concept of Research Methodology in detail.

OR

(b) What is Research Design? Explain in detail the any two types of research designs.

Q2 (10 marks) CO2
(a) List out and discuss various sampling techniques used in business research.

OR

(b) State and elaborate the purpose and objectives of research.

Q3 (10 marks) CO3
(a) Distinguish between Basic and Applied research. What kind of research would you use to generate new product ideas?

OR

(b) How research is used for decision making in an organization with suitable examples.

Q4 (10 marks) CO4
(a) What is sampling error? How do we determine sample size for finite and infinite populations?

OR

(b) Following table presents cross-tabulation of Gender by Insurance Status from a survey study. Use the chi-square test of independence to determine if Gender and Insurance Status are independent of each other. [Given: $\chi^2_{(0.05, 1)} = 3.84$]

Insurance Status	Gender		Total
	Male	Female	
Insured	35	25	60
Not-insured	50	40	90
Total	85	65	150

Q5 (10 marks) CO5
(a) With the help of a flow chart, elaborate the research process taking a suitable situation.

OR

(b) Take a situation of your choice, formulate a hypothesis and elaborate the process of accepting or rejecting a hypothesis.