

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2025
2020, 2021, 2022 ADMISSIONS SUPPLEMENTARY
SEMESTER IV - CORE COURSE (NUTRITION AND DIETETICS)
ND4B10B20 - Research Methodology

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks**(10x2=20)**

1. What are the basic motivations to do research?
2. Enumerate on hypothesis based on its definitions.
3. Comment on after only design.
4. Brief on 'before and after without control' design.
5. Describe on qualitative data with example.
6. Discuss on concurrent validity.
7. Explain sampling frame and sampling error.
8. Explain the advantages and disadvantages of systematic sampling.
9. Explain any one technique used in bivariate analysis.
10. Discuss about mosaic plagiarism.
11. Write a short note on introduction part in report writing.
12. Discuss the types of research reports.

Part B

II. Answer any Six questions. Each question carries 5 marks**(6x5=30)**

13. Discuss about the role of facts in research.
14. Elaborate about alternate hypothesis .
15. Write on formal experimental designs.
16. Enumerate on research design for descriptive researches.
17. Distinguish between reliability and validity.
18. Explain the advantages and disadvantages of stratified random sampling and multistage sampling.
19. Explain cumulative frequency distribution.
20. Explain interpretation of data and techniques of interpretation.
21. Explain the precautions to be taken while writing a research report.

Part C

III. Answer any Two questions. Each question carries 15 marks**(2x15=30)**

22. Elaborate about formulation of research problem.
23. Explain different research designs.
24. Elaborate on data types and levels of measurements.
25. Explain different probability sampling techniques with its advantages and disadvantages.