

D 52822

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, NOVEMBER 2023**

(CBCSS)

Home Science (Nutrition and Dietetics)

HND 1C 05—RESEARCH METHODS AND STATISTICS

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

Part A

*Answer **four** questions, each in **one** paragraph.*

Each question carries a weightage of 2.

1. Discrete variable.
2. Applied research.
3. Survey.
4. Range.
5. Snow ball sampling.
6. Reliability of tool.
7. Hypothesis.

(4 × 2 = 8 weightage)

Part B

*Answer any **four** questions, each within **one** page.*

Each question carries a weightage of 3.

8. Differentiate between historical and industrial research.
9. Discuss on types of hypothesis.
10. Distinguish between case study and observation.
11. What are the advantages of using questionnaire as a tool for research ?

Turn over

12. Comment on the merits of simple random sampling.
13. Give a note on properties of Normal distribution.
14. Explain on central limit theorem.

(4 × 3 = 12 weightage)

Part C

*Answer any **two** questions.*

Each question carries a weightage of 5.

15. Explain the different methods of sampling.
16. Explain about the parts of Table. What are the general rules for tabulation ?
17. Elaborate on different types of graphs and its advantages.
18. Elucidate on different types of tools used in research.

(2 × 5 = 10 weightage)