

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

HOMESEM-130

M.Sc. (Ist Semester) Examination Dec., 2022

FOOD AND NUTRITION

Paper - I

(Research Methodology)

Time : 3 Hours]

[Maximum Marks : 40

The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **1** mark.

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

Section-A

1. (i) Enumerate the objectives of Research.
- (ii) What is meant by identification of Research Problem ?

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(1)

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- (iii) Definition and meaning of Variable.
- (iv) Define Sampling.
- (v) What is an Observational Study ?
- (vi) What are *two* main types of Interviews ?
- (vii) Define Hypothesis and name its different types.
- (viii) What is meant by Bibliography ?
- (ix) What is meant by Quantitative Research ?
- (x) Define Research Problem.

Section-B

2. Explain briefly the criteria of Good Research.

Or

Discuss the problems encountered during research study.

3. Describe the theory of probability.

Or

Explain the various techniques of sampling.

4. What are the various methods of data collection ? Explain briefly.

Or

Write short notes on the following :

- (a) Questionnaire
- (b) Reliability of measuring instruments

5. Discuss the various types of descriptive studies in research.

Or

Explain the issues in the design and conducting of descriptive studies.

6. Discuss the factors affecting selection of research problem.

Or

What are the limitations and delimitations of the research problem ? Explain.

Section–C

7. Discuss the different types of Research.
8. Differentiate between the following :
 - (a) Dependent and independent variables
 - (b) Qualitative and quantitative variables
9. What are the essentials of a good research design ? Explain.
10. Discuss design strategies in Research.
11. How is the research proposal prepared ? Explain in detail.