

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

BPG-1116

M.Sc. (Previous) Examination, 2021

FOOD AND NUTRITION

Paper - I

(Research Methodology, Statistics and Computer Application)

Time : 1½ Hours]

[Maximum Marks : 75

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 5 × 5 = 25)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

2 each

1. Define the following terms :

- (i) Problems
- (ii) Variables

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- (iii) Research design
- (iv) Methodology
- (v) Validity
- (vi) Analysis of Data
- (vii) Bibliography
- (viii) Correlation
- (ix) Probability
- (x) Case Studies

Section-B

5 each

2. Write down the steps of problem selection for research.

Or

Explain in brief about the probability sampling.

3. List out the instrument of data collection. Write in detail about questionnaire method.

Or

Differentiate between qualitative and quantitative research method. Write down the steps and types in descriptive studies.

4. Define communication and elaborate writing of dissertation.

Or

How will you submit a research proposal ? Explain.

5. Write in detail about the classification and tabulation of data.

Or

Explain the frequency distribution with histogram.

6. How many types of experimental designs exist ? Explain any *one*.

Or

Write in detail about regression and prediction.

Section–C

10 each

7. What are the criteria of good research and researcher ?
8. Write down the basic principles of research design.
9. How researcher can proceed for data processing and analysis ?
10. Write down meaning, scope and role of statistics in research.
11. Write your opinion on importance of computer in present scenario.