

TM171530E

Reg. No:

Name:

M. Sc. DEGREE (C.S.S.) EXAMINATION, NOVEMBER 2017
SEMESTER I – HOME SCIENCE (FOOD SCIENCE AND NUTRITION)
(2017 Admission Regular, 2016 Admission Supplementary/Improvement &
2015 Admission Supplementary)
FN1C04TM – RESEARCH METHODS

Time: Three Hours

Maximum Marks: 75

PART A

I. Answer any five questions. Each question carries 3 marks.

1. What is a hypothesis? Mention its types.
2. What is a table? List the uses of tabulation.
3. Define sampling and list the advantages of sampling.
4. What is reliability and validity of data?
5. What are pictograms and cartograms?
6. Differentiate between primary data and secondary data.
7. What is plagiarism with respect to thesis writing?

(5x3=15)

PART B

II. Answer any six questions. Each question carries 5 marks.

8. What are the sources of data? List its advantages and limitations.
9. Explain the parts of a table with a specimen table.
10. What is a questionnaire? Explain the advantages and limitations of using this tool.
11. Explain Type I and Type II errors in experimental research with an illustration.
12. Define research. Write down the characteristics of research.
13. Enumerate the steps involved in the writing process of dissertations.
14. Elucidate the criteria for the selection of a research problem.
15. Explain the terms: a) Monographs b) Bibliography c) Appendices d) Abstract.
16. Give an account of the procedures involved while conducting a case study as a research method.

(6x5=30)

PART C

III. Answer any two questions. Each question carries 15 marks.

17. What is research design? Draw a flowchart of the research design with an illustration from your area of specialization.
18. Explain the different sampling techniques with suitable example.
19. What is IPR? Explain in detail atleast four different types of IPR with suitable examples.
20. What are variables? Explain the different types of variables.

(2x15=30)