

2021

Food Science & Nutrition

[First Semester]

Paper - 101

Full Marks : 40

Time : 2 hours

*The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in their own
words as far as practicable.
Illustrate the answers wherever necessary.*

Group - A

- 1. Answer any five of the following. 5×2=10**
- a) What is research ethics?
 - b) Write any two criteria of a good researcher.
 - c) What do you mean by action research.
 - d) What do you mean by sample?
 - e) Define null hypothesis.

(Turn Over)

(2)

- f) Write the names of any two non-conventional learning programme.
- g) What do you mean by information?
- h) Write any two features of data.

Group - B

2. Answer any four of the following. 4×5=20

- a) Write the major components of experimental research. Describe the 'Action research cycle'. 3+2
- b) "Laboratory based research is qualitative and quantitative"- Justify the statement. 5
- c) Write basic differences among report, dissertation and thesis. Write the difference between 'Aim and Objective'. 3+2
- d) Discuss any two methods of probability sampling. What is snow ball sampling. 3+2
- e) Write the differences between dependent and independent variables. What do you mean by confounding variable? 3+2

(3)

- f) State the role of skill based education for research development. 5

Group - C

3. Answer any one of the following. 1×10=10
- a) What is plagiarism? Write the different types of plagiarism. How will you minimize the plagiarism. Write the components of research where research ethids should be followed. 2+4+2+2
- b) State the quari experimental research in brief. Write the importance of ICT in research. State the difference between primary and secondary data. 4+3+3