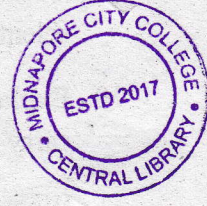# 2023

5th Semester Examination

NUTRITION (Honours)

Paper : C 12-T

[Research Methodology]

[CBCS]

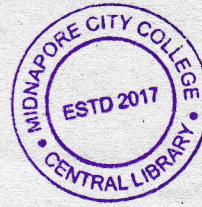Full Marks : 40   Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.

Group - A

Answer any *five* of the following questions :   2×5=10

1. What are the objectives of research?

2. Define sample?

3. What is pilot project?

4. What do you mean by plagiarism in research?

5. What do you mean by 'cohort study'?

6. What is 'Quasi experimental Design'?

7. Mention the importance of 'Review of Literature'.

8. Differentiate between Type I and Type II error.

P.T.O.

V-5/50 - 900

Group - B

Answer any *four* of the following questions : 5×4=20

9. Define research problem. Write about the formulation of scientific research problem. 1+4

10. Explain the research ethics that should be maintained to carry out the research proposal. 5

11. What do you mean by data? What are the differences between 'Primary data and Secondary data'? 2+3

12. Describe briefly about 'Basic research and Applied research'. 2½+2½

13. Define 'Hypothesis'. Write the features of null hypothesis. 2+3

14. What is 'Experimental design'? Differentiate between single and multi-group experimental design. 2+3

Group - C

Answer any *one* of the following questions : 10×1=10

15. What are the characteristics of good sampling? Differentiate between 'Probability sampling and Non- Probability sampling methods'. Describe simple random sampling methods. 3+4+3

16. Explain 'Motivations in Research'. What are the 'Criteria of Good Research'? State the differences between qualitative and quantitative research. 3+3+4

_____