

2025

M.Sc. 1st Semester Examination
CLINICAL NUTRITION AND DIETETICS

Paper : CNDC403X0

(Research Methodology and Ethics)

Full Marks : 50

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 *four* questions : 2×4=8

1. What is meant by unstructured abstract?
2. What is meant by cross-reference in research?
3. What is predictive analytics?
4. Define quasi-experimental research method.
5. Differentiate between the authorship and acknowledgement sections in research papers.
6. How do you identify a research gap?

P.T.O.

(2)

Group - B

Answer any *four* questions : $4 \times 4 = 16$

7. What do you mean by 'Review Research' article? Briefly discuss the impact of this type of article in research. 2+2
8. Differentiate between central tendency and dispersion statistical measurement.
9. Discuss about the purpose of review of literature writing in research.
10. What is meant by sample size? What are the key aspects of sample size? 2+2
11. Compare between qualitative and quantitative research methods.
12. What are meant by plagiarism and copyright infringement?

Group - C

Answer any *two* questions : $8 \times 2 = 16$

13. State the penalties against plagiarism following the UGC regulations. How plagiarism can be avoided? 5+3
14. Discuss the significance of milestone and timeline to understand the progress of research project. Explain with suitable diagram. What is the importance of citation in research? 6+2

(3)

15. Define hypothesis with its different types. Compute mean value, when standard deviation (SD) is 14 and coefficient of variance (CV) is 23.33 in a single data set. 4+4
16. Write the different grades of correlation with remarks. Compute correlation of coefficient of the following colony number (cfu) and temperature ($^{\circ}\text{C}$) of the five culture samples. 3+5

Internal Assessment : 10 marks
