

2025

M.Sc. 1st Semester Examination

PHYSICS

Paper : PHSC403X1

[Research Methodology and Ethics]

Full Marks : 15

Time : 30 minutes

The figures in the margin indicate full marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Answer any five questions : 2×5=10

1. What is plagiarism in research?
2. What is the difference between basic research and applied research?
3. Discuss the key role of ICT in research.
4. What do you mean by qualitative and quantitative analysis in research?
5. Write down the responsibilities of researchers towards academic community.
6. What is the importance of literature review in research?

P.T.O.

(2)

7. What is 'impact factor' of a journal?
8. What is bibliography?

Internal Assessment : 5 marks
