

**Second Year Examination of the
Three -Year Degree Course, 2001**

PHILOSOPHY

Paper-I

(Logic)

Time: 3 Hours

[Maximum Marks :100]

Attempt **five** questions in all.
selecting at least **two** questions from each section,
All questions carry equal marks.

SECTION-A

1. What do you understand by Logic? Explain the nature and difference between inductive and deductive argument.
2. What is Term? Explain the nature and relation between connotation and denotation of a term.
3. Describe the nature and rules of genus per differentia definition.
4. What do you understand by Categorical Proposition? Describe the nature of quality, quantity and distribution in categorical propositions.
5. Test the validity of the following arguments by Venn diagrams:
 - (i) All human are mortal.
All Indians are human.
Therefore all Indians are mortal.
 - (ii) All scientists are egoists.
Some scientists are philosophers.
Therefore some philosophers are egoists.

SECTION-B

6. What do you understand by the argument by analogy? Describe its criteria of evaluation.
7. What is Explanation? What is the difference between scientific and unscientific explanation? Discuss.
8. What is Hypothesis? What is its significance in the process of scientific research? Discuss.
9. Describe Mill's method of agreement and disagreement.
10. What do you understand by Inductive reasoning? What is the place and significance of observation and experiment in this reasoning? Discuss.