DHANAMANJURI UNIVERSITY

BA 3rd SEMESTER (CBCS)
2021
DECEMBER

PHILOSOPHY (Hons)

CPL-205
LOGIC

Full Mark: 100

The figures in the margin indicate full marks for the questions.

Answer any **five (5)** of the following questions   15x5=75

1. Explain the nature of a logical argument with the help of an example.

2. Define syllogism with the help of an example. Prove that the middle term must be distributed at least once in the premises of a syllogism.

3. Explain the figures and moods of a syllogism.

4. Explain the differences between deductive and inductive arguments.

5. Explain the traditional square of proposition.

6. What is the difference between scientific induction and induction by simple enumeration? Explain it.

7. Discuss Mill's methods of argument.

8. Discuss the conditions of a good hypothesis.

9. Answer the following questions: 5 x 5=25

   a) What do you understand by distribution of terms?

   b) How does a logical proposition differ from a grammatical sentence?

   c) Explain paradox of material implication.

   d) Write the general rules of syllogism.

   e) Explain categorematic words and syncategorematic words.

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