

02647

M.A. PHILOSOPHY (MAPY)

Term-End Examination

June, 2017

MPYE-001 : LOGIC

Time : 3 hours

Maximum Marks : 100

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- Note : (i) Answer all questions.
(ii) All questions carry equal marks.
(iii) Answer to question no. 1 and 2 should be in about 500 words each.*
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1. Using Venn diagram technique represent the validity of moods of Ist and IInd figure. 20
- OR**
- Explain in detail the concepts of Definition and Division. 20
2. Differentiate between proposition and sentence. 20
Explain different types of propositions with examples.
- OR**
- What is formal Logic ? Explain the rules of inference in detail. 20
3. Answer any two of the following in about 250 words each :
- (a) Distinguish between truth and validity. 10
- (b) Explain various applications of symbolic Logic in practical life. 10

- (c) Construct truth tables for negation, conjunction, disjunction and Implication. 10
- (d) Explain the fallacy of presumption with examples. 10
4. Answer any four of the following in about 150 words each :
- (a) Define Existential Generalisation (E.G) with examples. 5
- (b) What do you mean by the denotation of a term ? 5
- (c) Describe the scope of Logic. 5
- (d) Why do we use symbols in Logic ? 5
- (e) What do you understand by antilogism ? 5
- (f) Describe Inductive Logic. 5
5. Write short notes on any five of the following in about 100 words each :
- (a) Euler's Diagram 4
- (b) Null set 4
- (c) Constructive Dilemma 4
- (d) Argumentum and Baculum 4
- (e) Tautology and contradiction 4
- (f) Enthymeme 4
- (g) U.G. (Universal Generalization) 4
- (h) Biconditional 4
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