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K19U 3279

Reg. No. : .....

Name : .....

I Semester B.A. Degree CBCSS(OBE)-Regular
Examination, November - 2019
(2019 Admission)
COMPLEMENTARY ELECTIVE COURSE IN PHILOSOPHY
1C 01 PHI : DEDUCTIVE LOGIC AND REASONING APTITUDE

Time : 3 Hours

Max. Marks : 40

## PART - A
## (SHORT ANSWER)

Answer **All** questions. Each answer carries **1** mark. **(6×1=6)**

1. Define Logic.
2. What do you mean by Proposition?
3. Explain distribution of terms.
4. Define Syllogism.
5. Give the conclusion for following argument.
   All dogs are four legged animals.
   All cows are **four** legged animals.
6. Define Immediate inference.

## PART - B
## (SHORT ESSAY)

Answer any **Six** questions. Each answer carries **2** marks. **(6×2=12)**

7. Explain Categorical Proposition on the basis of quality and quantity.
8. Briefly explain Terms and Propositions.
9. Distinguish contrary and subcontrary propositions;
10. Explain Euler's circle.
11. Define Categorical Syllogism.

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12. Explain the two moods of Hypothetical syllogism.
13. Find the fallacy of following syllogism.

    All parrots are birds.

    All crows are birds.

    All crows are parrots
14. What do you mean by opposition of proposition.

## PART - C
## (ESSAY)

Answer any **Four** questions. Each answer carries **3** Marks. **(4×3=12)**

15. Briefly explain the nature and scope of Logic.
16. Middle term must be distributed in at least one premise. Why?
17. Briefly explain the utility of Logic.
18. Identify the following syllogism and write its valid mood.

    If it rains, there will be heavy floods.

    It rains

    ∴ there will be heavy floods.
19. Define Rebuttal with examples.
20. State the rules of Disjunctive syllogism and its valid moods.

## PART - D
## (LONG ESSAY)

Answer any **Two** questions. Each answer carries **5** Marks. **(2×5=10)**

21. State and explain the rules and fallacies of Categorical Syllogism.
22. Examine the nature and scope of logic and its relation to Psychology and Ethics.
23. Explain the rules and fallacies of Mixed syllogism.
24. Examine elaborately the relation between Propositions in a square of opposition.

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