



K23U 4213

Reg. No. : .....

Name : .....

I Semester B.A. Degree (C.B.C.S.S. – Supplementary/One Time Mercy Chance)  
Examination, November 2023  
(2014 to 2018 Admissions)

**COMPLEMENTARY COURSE IN PHILOSOPHY**  
**1C01 PHI : Logic and Reasoning Aptitude**

Time : 3 Hours

Max. Marks : 40

**PART – A**

Answer **all** questions. **Each** answer carries **1** mark.

1. The study of logic helps us to avoid errors in \_\_\_\_\_.
2. A particular negative proposition distributes \_\_\_\_\_ term only.
3. \_\_\_\_\_ is an error in reasoning.
4. \_\_\_\_\_ is the normative science of beauty. (4×1=4)

**PART – B**

Answer **any seven** questions. Answer should **not** exceed **50** words. **Each** answer carries **2** marks.

5. Which are the three kinds of mixed syllogism ?
6. What is a sound argument ?
7. Distinguish between a term and a word.
8. What do you mean by a normative science ? Name the three normative sciences.
9. What do you mean by contraposition ?
10. Distinguish between quality and quantity of a proposition.
11. Define logic.

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12. Give a brief account of complex destructive dilemma with suitable example.
13. Give a brief account of mediate inference.
14. Find the obversion, conversion and contrapositives of the following proposition.  
*'All girls are dancers'.* (7×2=14)

**PART – C**

Answer **any four** questions. Answer should **not** exceed **100** words. **Each** answer carries **3** marks.

15. Distinguish between the fallacies of illicit major and illicit minor.
16. What is conversion ? State the rules of conversion.
17. Bring out differences between modus ponens and modus tollens.
18. Why is logic is treated as a normative science ? Explain.
19. Define hypothetical syllogisms and explain its rules.
20. Check the validity of the following arguments.  
*All truly religious people are philosophers,*  
*Hari is a philosopher,*  
*Therefore, Hari is truly religious.* (4×3=12)

**PART – D**

Answer **any two** questions. Answer should **not** exceed **250** words. **Each** answer carries **5** marks.

21. Draw the traditional square of opposition and explain the relation of opposition between categorical propositions.
22. 'Formal validity of categorical syllogism depends on certain conditions which are called the rules of syllogism.' – Explain this statement highlighting the basic rules of categorical syllogism.
23. Explain the classification of propositions with examples and state the rules of distribution in it.
24. Examine the nature of logic and bring out the distinctions between deduction and induction. (2×5=10)