K20U 0277

Reg. No. : ....

Name : ....

II Semester B.A. Degree (CBCSS – Supplementary/Improvement) Examination, April 2020
(2014-2018 Admissions)
CORE COURSE IN PHILOSOPHY
2B02 PHI : Logic and Scientific Method

Time : 3 Hours

Max. Marks : 40

PART – A

Choose the **most** appropriate answers. Answer **all** questions. **Each** answer carries **1** mark.

1. A Universal negative proposition (E) distributes _____
   - a) Subject
   - b) Predicate
   - c) Subject and Predicate
   - d) Neither the Subject nor the Predicate

2. The term of a Categorical syllogism which is present in both the premises and absent in the conclusion is known as _____
   - a) Major Term
   - b) Middle Term
   - c) Minor Term
   - d) Abstract Term

3. The relation between I and O propositions is known as _____
   - a) Contradictory
   - b) Contrary
   - c) Sub contrary
   - d) Subaltern

4. An Unscientific Induction based on the principle of resemblance is known as
   _____
   - a) Statistics
   - b) Enumerative Induction
   - c) Observation
   - d) Analogy   (4×1=4)

PART – B

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

5. Discuss the subject matter of Logic.

6. Write a short account on Premise indicators.

P.T.O.

7. Distinguish between a proposition and a sentence.

8. Convert the following proposition.

   No men are angels.

9. Distinguish between Mediate and Immediate Inference.

10. Explain the rules of Inversion.

11. Write an example of a Simple Destructive Dilemma.

12. Explain the structure of Categorical Syllogism.

13. Give a brief account of the fallacy of Improper Disjunction.

14. Discuss the features of Analogy. (7×2=14)

PART – C

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

15. Distinguish between Induction and Deduction.

16. Give an account of different types of Categorical propositions based on quality and quantity.

17. Describe the important rules of Obversion.

18. Explain the fallacy of undistributed middle with an example.

19. What is meant by Constructive hypothetical syllogism ?

20. Describe the method of rebutting a Dilemma. (4×3=12)

PART – D

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

21. What is meant by Contraposition ? Explain with suitable examples.

22. Discuss the nature of scientific induction. Analyse the different stages of it.

23. Draw the square of Opposition and bring out the different relations between Propositions.

24. Find the fallacy of the following argument and describe it.

    All tigers are mammals

    All mammals are animals

    All animals are tigers. (2×5=10)