25. Give an account of the classification of categorical proposition based on quantity and quality.

26. Check the validity of the following argument :
    All film stars are playback singers.
    All film directors are playback singers.
    All film stars are film directors.

27. From the given statements, pick out two statements which cannot be true and false at the same time. Give reasons for the answers.
    1) All kings are beautiful.
    2) No kings are beautiful.
    3) Some kings are not beautiful.
    4) No beautiful beings are kings.

28. Explain the rules of conversion. Convert the following statement.
    All scholars are intelligent.   **(Weightage 4×2=8)**

PART – D

Answer **any two** from the following. Answer to **each** question carries weightage of **four**. Answers should **not** exceed **300** words.

29. Discuss the traditional square of opposition and bring out the four relations between different categorical propositions.

30. Define Disjunctive syllogism. Describe the important rules and fallacies.

31. Explain complex constructive and complex destructive dilemma with examples.

32. Describe the rules of obversion. Obvert the following statement.
    No dogs are friendly.   **(Weightage 2×4=8)**

_____

Reg. No. : ....

Name : ....

III Semester B.A. Degree (CCSS – Supplementary)
Examination, November 2017
CORE COURSE IN PHILOSOPHY
3B03 PHIL : Logic and Reasoning Aptitude Tests
(2013 Admissions)

Time : 3 Hours   Max. Weightage : 24

PART – A

Multiple choice questions. A bunch of **four** questions carry a weightage of **1**. Answer **all** questions.

I. 1. Inference is the process of reasoning by which a conclusion is drawn from the _____
       a) Arguments   b) Intuitions   c) Premises   d) Hypotheses

    2. Which one of the following is not a normative science ?
       a) Ethics   b) Aesthetics   c) Logic   d) Biology

    3. As truth is related propositions, _____ is related to arguments.
       a) Statement   b) Assumption   c) Validity   d) Proof

    4. Which of the following statements is related to **A** propositions ?
       1. It is a universal negative proposition.
       2. It distributes its subject.
       3. It is a universal affirmative proposition.
       4. The contradictory of it is **I** proposition.
       a) 1 and 2 only   b) 2 and 3 only   c) 3 and 4 only   d) 2 and 4 only

II. 5. _____ is the argument by which a conclusion is arrived at from the examination of particulars.
       a) Induction   b) Deduction   c) Inference   d) Intuition

P.T.O.

6. Which one of the following is not a conclusion indicator ?
   a) Therefore   b) Hence   c) Since   d) So

7. According to the law of causation, nothing is uncaused. Every cause produces an/a _____
   a) Effort   b) Effect   c) Conclusion   d) Premise

8. Which of the following is Categorical proposition ?
   1. Some flowers are beautiful.
   2. It is either a boy or girl.
   3. No scientists are intelligent.
   4. If it rains, the plants will grow properly.
   a) 1 and 2 only   b) 3 and 4 only   c) 2 and 3 only   d) 1 and 3 only

III. 9. Which one is the contradictory of *No boys are efficient* ?
   a) All boys are efficient
   b) Some boys are not efficient
   c) Some boys are efficient
   d) Some efficient persons are not boys

10. Which of the following terms is distributed in the given proposition ?
    Proposition : *Some girls are beautiful.*
    a) Girls   b) Beautiful   c) Both a) and b)   d) None

11. Two propositions are said to be _____ if they cannot both be true, although both may be false.
    a) Contraries   b) Contradictories
    c) Sub-contraries   d) Sub-alterns

12. Which is the conversion of *No men are angels* ?
    a) Some men are angels   b) Some men are not angels
    c) All men are angels   d) No angels are men

IV. 13. The term of a syllogism present in both the premises and absent in the conclusion is known as _____
    a) Major term   b) Minor term   c) Abstract term   d) Middle term

14. Find the fallacy of the following argument :
    All bats are mammals.
    No rats are bats.
    Therefore, no rats are mammals.
    a) Illicit major   b) Illicit minor
    c) Undistributed middle   d) None of these

15. Find the next number in the series :
    95, 89, 77, 53, _____
    a) 10   b) 5   c) 12   d) 14

16. Find the odd one.
    a) Major term   b) Minor term
    c) Concrete term   d) Middle term   **(Weightage 1×4=4)**

PART – B

Write short notes on **any four** from the following. Answer to **each** question carries weightage of **one**. Answer should **not** exceed 20 words.

17. Normative science.

18. Inference.

19. Premise indicator.

20. Inductive leap.

21. Modus ponens.

22. Fallacy of undistributed middle.   **(Weightage 4×1=4)**

PART – C

Answer **any four** from the following. Answer to **each** question carries weightage of **two**. Answers should **not** exceed **100** words.

23. Write a short account on uses of studying logic.

24. Distinguish between Truth and Validity.