PART – C

Answer **any four** questions. **Each** question carries a weightage of **two**.
Answer should **not** exceed **100** words.

23. What is logic ? What are the uses of studying logic ?

24. Distinguish between the intension and extension of a term.

25. Write a note on the distribution of terms.

26. Explain contraposition with suitable examples.

27. Check the validity of the following argument using Venn diagram method.
No adult is innocent
Some actors are innocent
Therefore some actors are not adult.

28. Briefly explain the laws of thought.   **(Weightage 4×2=8)**

PART – D

Answer **any two** questions. **Each** question carries a weightage of **four**.
Answer should **not** exceed **200** words.

29. Explain the nature of logic. How is it related to psychology ?

30. Explain the relations of opposition between categorical propositions with the help of the traditional square.

31. Describe the rules governing the validity of categorical syllogisms.

32. What is induction ? How is it different from deduction ?   **(Weightage 2×4=8)**

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II Semester B.A. Degree (CCSS – Reg./Supple./Improv.)
Examination, May 2014
CORE COURSE IN PHILOSOPHY
2B02 PHIL : Logic and Scientific Method
(2012 and Earlier Admn.)

Time : 3 Hours   Max. Weightage : 24

PART – A

Answer **all** questions. This part consists of **four** sets containing **four** questions **each**.
Each set carries a weightage of **one**.

I. 1) Thought is the subject matter of _____
   a) Psychology   b) Logic
   c) Both a) and b)   d) None of the above

   2) Which among the following is not a normative science ?
   a) Logic   b) Psychology   c) Ethics   d) Aesthetics

   3) The verbal expression of a concept is known as _____
   a) Judgement   b) Inference   c) Term   d) Proposition

   4) Which among the following is a relative term ?
   a) College   b) Department   d) Staff   d) Teacher

II. 5) Extension of a term represents its _____
   a) Quality   b) Quantity   c) Relation   d) All the above

   6) Propositions are _____
   a) Either true or false   b) Always true
   c) Always false   d) Neither true nor false

P.T.O.

7) An I type proposition has _____ quantity.

   a) Affirmative   b) Negative

   c) Universal   d) Particular

8) The negative proposition distributes _____ term.

   a) Subject   b) Predicate

   d) Universal   d) Particular

III. 9) In Venn diagram symbolisation, the symbol 'x' is used to represent

   _____ proposition.

   a) Affirmative

   b) Negative

   c) Universal

   d) Particular

10) The contradictory of "No elephants are birds" is _____.

   a) All elephants are birds

   b) Some elephants are birds

   c) No birds are elephants

   d) Some elephants are not birds

11) The type of proposition that does not distribute any of its terms is

   a) a   b) e

   c) i   d) o

12) The term that occurs as the predicate of conclusion is called _____

   a) Major   b) Minor

   c) Middle   d) Universal

IV. 13) The middle term occur as the predicate of both the premises in _____

   figure.

   a) First   b) Second   c) Third   d) Fourth

14) Fallacy of illicit major is committed when _____

   a) The major term is not distributed in the conclusion

   b) The major term is not distributed in the major premise

   c) The major term is distributed and the minor term is not distributed

   d) The major term is not distributed but the minor term is distributed

15) Induction proceeds from _____ premises.

   a) Particular   b) General

   c) Affirmative   d) Negative

16) Induction is characterised by _____

   a) Inductive leap   b) Generalisation

   c) Probable conclusion   d) All the above   (Weightage 4×1=4)

PART – B

Answer **any four** questions. **Each** question carries a weightage of **one**.
Answer should **not** exceed **20** words.

17. Briefly explain the relation between logic and language.

18. Differentiate between abstract and concrete terms.

19. Explain the classification of categorical propositions according to quality.

20. Draw the table for conversion.

21. What is meant by the figure of a categorical syllogism ?

22. Give Mill's definition of cause.   (Weightage 4×1=4)