28. Find out whether the following syllogism in valid or invalid and state the rule according to which it is so.

All successful people are rich.

All business men are rich.

∴ Some business men are successful people. (4×2=8)

GROUP – D

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

29. Bring out the traditional classification of propositions.

30. State the rules and fallacies of disjunctive syllogism.

31. Define induction and describe how it is different from deduction.

32. Write notes on **any two** of the following :

a) Nature and scope of logic.

b) Law of sufficient reason.

c) Positive and normative science. (2×4=8)

Reg. No. : ....

Name : ....

I Semester B.A. Degree (CCSS – Supple/Improv.)
Examination, November 2014
COMPLEMENTARY COURSE IN PHILOSOPHY
1C01 PHIL : Fundamentals of Advanced Logic
(2013 Admn.)

Time : 3 Hours   Max. Weightage : 24

GROUP – A

Answer **all** questions. A bunch of **four** questions carries a weightage of **one**. Choose the correct answer.

1) Logic deals with _____

   a) Arguments   b) Reasoning

   c) Propositions   d) All of these

2) _____ is particular affirmative proposition.

   a) A   b) E   c) I   d) O

3) _____ is a concrete term.

   a) College   b) Humanity

   c) Happiness   d) Sweetness

4) _____ determines the type of propositions in a syllogism.

   a) Figure   b) Mood

   c) Terms   d) None of these

5) In _____ , the conclusion is reached with absolute necessity.

   a) Deduction   b) Induction

   c) Both a) and b)   d) Neither a) nor b)

6) A standard form of categorical syllogism has exactly _____ terms.

   a) Two   b) Three   c) Four   d) One

7) Leap is the characteristic of _____

   a) Deduction   b) Induction

   c) Both a) and b)   d) Neither a) nor b)

8) Find the odd one

   a) Physics   b) Ethics   c) Aesthetics   d) Logic

9) If 'All dogs are four-legged' is true, which of the following is true ?

   a) Some dogs are four legged

   b) No dogs are four legged

   c) Some dogs are not four legged

   d) All four legged animals are dogs

10) _____ are the technical terms related to propositions.

   a) Validity/invalidity   b) Truth/falsity

   c) Both a) and b)   d) Neither a) nor b)

11) In a disjunctive syllogism, major premise is a _____ proposition.

   a) Disjunctive   b) Hypothetical

   c) Categorical   d) None of these

12) A hypothesis is based on _____

   a) Experiment   b) Observation

   c) Both a) and b)   d) Neither a) nor b)

13) In A proposition, _____ is undistributed.

   a) Subject term   b) Predicate term

   c) Both a) and b)   d) Neither a) nor b)

14) 'If it rains, then we cannot play outside' is a_____ proposition.

   a) Categorical   b) Disjunctive

   c) Hypothetical   d) None of these

15) A_____ is complex when the conclusion is a disjunctive proposition.

   a) Dilemma   b) Statement

   c) Proposition   d) None of these

16) A / an_____ term is that which is affirmed or denied of the subject term.

   a) Abstract   b) Negative

   c) Positive   d) Predicate   (4×1=4)

GROUP – B

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

Write short notes on :

17. Any two uses of the study of logic.

18. The definition of relative terms.

19. Fallacy of four terms.

20. Modus ponens.

21. Copula.

22. Syllogism.   (4×1=4)

GROUP – C

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

23. Differentiate between terms and words.

24. Write a note on the valid moods of categorical syllogism.

25. Write a note on rebutting of dilemma.

26. Bring out the advantages of experiment over observation.

27. Write a note on the law of causation.