



K17U 2617

Reg. No. : .....

Name : .....

I Semester B.A. Degree (CCSS – Supple.) Examination, November 2017  
COMPLEMENTARY COURSE IN PHILOSOPHY  
1C01PHIL : Fundamentals of Advanced Logic (2013 Admn.)

Time : 3 Hours

Total Weightage : 24

GROUP – A

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

- I. 1) Logic is a \_\_\_\_\_ science.  
a) Positive                      b) Normative                      c) Physical                      d) Natural
- 2) Validity and invalidity are the characteristics of  
a) Sentence                      b) Proposition                      c) Arguments                      d) None of these
- 3) A and E propositions are  
a) Contradictory                      b) Sub-contraries  
c) Sub-altern                      d) Contraries
- 4) Modus Tollens is a mood of \_\_\_\_\_ syllogism.  
a) Disjunctive                      b) Categorical  
c) Hypothetical                      d) None of these
- II. 5) 'No men are angels'. Identify the type of proposition.  
a) Universal affirmative                      b) Universal negative  
c) Particular affirmative                      d) Particular negative
- 6) The term 'Book' is an example of \_\_\_\_\_ term.  
a) General                      b) Abstract                      c) Singular                      d) Privative
- 7) \_\_\_\_\_ is a normative study of right, wrong, good or evil in human conduct.  
a) Logic                      b) Aesthetic                      c) Psychology                      d) Ethics
- 8) 'All crows are black' – identify the copula.  
a) all                      b) crows                      c) are                      d) black

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- III. 9) AAA is a valid mood of \_\_\_\_\_ figure.  
 a) Third                      b) Second                      c) First                      d) Fourth
- 10) When the major term is used in different sense in the major premise and conclusion, the syllogism commits the fallacy of  
 a) Ambiguous minor                      b) Ambiguous major  
 c) Illicit major                      d) Illicit minor
- 11) Fallacy of affirming the consequent may occur in \_\_\_\_\_ syllogism.  
 a) hypothetical                      b) categorical  
 c) disjunctive                      d) none of these
- 12) \_\_\_\_\_ is a material ground of inductive reasoning that involves the observation of a given phenomenon under artificially set condition.  
 a) Hypothesis                      b) Experiment  
 c) Observation                      d) Verification
- IV. 13) A universal affirmative proposition distributes the \_\_\_\_\_ term only.  
 a) Minor                      b) Major                      c) Predicate                      d) Subject
- 14) Identify the middle term in the following syllogism  
 All men are mortal;  
 All kings are men  
 All kings are mortal  
 a) King                      b) Men                      c) Mortal                      d) All
- 15) In a complex dilemma, the conclusion is a \_\_\_\_\_ proposition.  
 a) Disjunctive                      b) Categorical  
 c) Hypothetical                      d) None of these
- 16) Inductive logic is also known as \_\_\_\_\_ logic.  
 a) Inferential                      b) Formal                      c) Material                      d) Deductive  
**(Weightage 4x1 =4)**



## GROUP – B

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

- 17) What is meant by normative science ?  
 18) Examine the meaning of connotation of a term.  
 19) Write a short note on contradictory opposition.  
 20) Give an account of the structure of disjunctive syllogism.  
 21) Define dilemma.  
 22) What are the advantages of experiment over observation ?

**(Weightage 4x1 =4)**

## GROUP – C

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

- 23) Analyse the view that logic is both a science and an art.  
 24) Explain the distribution of terms in a proposition with the help of Euler's circle.  
 25) Demonstrate the square of oppositions.  
 26) Distinguish between Modus Ponens and Modus Tollens.  
 27) Bring out the conditions of a valid hypothesis.  
 28) Check the given argument for its validity.  
 No man is made up of paper  
 All pages are men  
 Therefore, No pages are men.

**(Weightage 4x2 =8)**

## GROUP – D

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

- 29) Explain the various types of Dilemma and the methods of meeting a Dilemma.  
 30) Briefly explain the figure and moods of a syllogism.  
 31) Define logic and explain the uses of the study of logic.  
 32) Define connotation and denotation of terms and explain their relationship in logic.

**(Weightage 2x4 =8)**