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63/1 (SEM-1) CC2/PHLHC1026

2024

PHILOSOPHY

Paper : PHLHC 1026

(Logic)

Full Marks : 80

Pass Marks : 32

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Choose the correct answer of the following :
(any six) 1×6=6

(a) The word 'Logic' is derived from -

- (i) Latin word
- (ii) Greek word
- (iii) French word
- (iv) German word

- (b) How many parts are there in a proposition ?
- (i) Two
 - (ii) Three
 - (iii) Four
 - (iv) Five
- (c) Truth is the property of -
- (i) Term
 - (ii) Sentence
 - (iii) Proposition
 - (iv) Argument
- (d) The two parts of an argument are known as -
- (i) term and proposition
 - (ii) proposition and premises
 - (iii) premises and conclusion
 - (iv) proposition and conclusion
- (e) Logic is defined as "the science as well as an art of reasoning" by -
- (i) Aldrich
 - (ii) J. S. Mill

- (iii) Whately
 - (iv) Albertus Magnus
- (f) How many categorical propositions are there in a categorical syllogism ?
- (i) Two
 - (ii) Three
 - (iii) Four
 - (iv) Five
- (g) How many valid moods are there in the third figure of syllogism ?
- (i) Three
 - (ii) Four
 - (iii) Five
 - (iv) Six
- (h) Middle term is the predicate of both the premises in -
- (i) First figure
 - (ii) Second figure
 - (iii) Third figure
 - (iv) Fourth figure

(i) In syllogistic argument, the subject of the conclusion is -

(i) Middle term

(ii) Minor term

(iii) Major term

(iv) Distributed term

(j) How many figures are there in the syllogism?

(i) Three

(ii) Four

(iii) Five

(iv) Six

2. Answer the following questions : **(any five)**
2×5=10

(a) What is sentence?

(b) What do you mean by the validity of an argument?

(c) Define term.

(d) What is connotative term?

(e) What is agreement and disagreement in belief?

(f) What is immediate inference?

(g) What is figure of syllogism?

3. Answer the following questions : **(any six)**
5×6=30

(a) Distinguish between a sentence and a proposition.

(b) Explain briefly the relation between connotation and denotation of a term.

(c) What are the *three* basic functions of language? Briefly explain.

(d) Write a short note on square of opposition of proposition.

(e) Explain the translation of categorical proposition into standard form.

(f) Explain the basic rules of obversion.

(g) What are the general rules of categorical syllogism?

(h) Explain the First Figure of Syllogism.

(i) Write short note on functions of the middle term in syllogism.

(j) What do you mean by "Fallacy of Illicit Major" ? Explain with example.

4. Answer the following questions : **(any two)**
10×2=20

(a) What is deduction? What are the distinctions between deduction and induction? Explain with examples.

(b) What is mediate inference? Explain the structure of a categorical syllogism.

(c) What is conversion? Explain the basic rules of conversion.

(d) What do you mean by Mood of Syllogism? How many valid moods are there in the third figure of syllogism? Explain.

5. Answer the following questions : **(any one)**
14×1=14

(a) What is Word? What are different kinds of word? Discuss the points of distinction between a word and a term.

(b) What is Venn diagram? Explain with suitable example the techniques of Venn diagram for testing the validity of syllogistic reasoning.

(c) What is informal fallacy? Discuss different kinds of informal fallacies as given in I. M. Copi's book.
