Assignment – 2

BPY 002: Logic: Classical and Symbolic Logic

Note:
i)   Answer all five questions
ii)   All questions carry equal marks
iii)   Answer to question no. 1 and 2 should be in about *400 words* each.

1. Write a detailed essay on Induction.   20
                                OR
How do you differentiate between concepts and terms? Give the classification of terms.   20

2. Describe proposition. Provide a detailed account of the various types of propositions.   20
                                OR
Define reasoning. Explain various kinds of reasoning. Spell out the criticism posed against
deduction and induction.   20

3. Answer *any two* of the following questions in about *200 words* each:
    a. Bring out the difference between 'extension' and 'intension'.   10
    b. Explain Dilemma and different kinds of dilemma.   10
    c. Write a brief note on Figure and Mood.   10
    d. Enumerate the rules of Categorical Syllogism.   10

4. Answer *any four* of the following in about *150 words* each:
    a) Explain the formal proof of validity?   5
    b) What do you understand by compound proposition?   5
    c) Is Logic a science or an art?   5
    d) Bring out the difference among positive, negative and privative terms.   5
    e) What do you mean by distribution of terms?   5
    f) Differentiate between simple and compound statements.   5

5. Write short notes on *any five* of the following in about *100 words* each:
    a) Term   4
    b) De Morgan's Law   4
    c) Petitio Principii   4
    d) Truth Value   4
    e) Tautology   4
    f) Reduction   4
    g) Falsification   4
    h) Predicables   4