UNIVERSITY OF NORTH BENGAL

B.A. Honours 2nd Semester Examination, 2022

GE1-P2-PHILOSOPHY

Time Allotted: 2 Hours   Full Marks: 60

The figures in the margin indicate full marks.
All symbols are of usual significance.

1.	Answer any *four* questions from the following:	3×4 = 12
	(a) Distinguish between figure and mood.	3
	(b) What is the function of copula?	3
	(c) What do you mean by opposition of proposition?	3
	(d) What do you mean by analogy?	3
	(e) What is meant by distribution of terms?	3
	(f) When an argument is valid in Venn diagram?	3

2. Answer any *four* questions from the following: 6×4 = 24

(a) Test the validity or invalidity of the following arguments by truth table: 3+3 = 6

    (i) $p \supset q / \therefore p \supset (p \cdot q)$

    (ii) $A \supset B$

        $\sim B / \therefore \sim A$

(b) What is conversion? What are the rules of conversion? Can there be simple conversion of 'A' proposition? 2+2+2 = 6

(c) Reduce the following into logical propositions and show which term / terms are distributed: 2+2+2 = 6

    (i)   Eggs are not square

    (ii) Snakes are poisonous

    (iii) Not all flowers are red.

(d) Determine the validity or invalidity of the following arguments with the help of Venn diagram: 3+3 = 6

    (i)   EOI — 1st figure

    (ii) OAO — 3rd figure.

(e) What is argument by analogy? Distinguish between good analogy and bad analogy. 2+4 = 6

(f) Explain in brief the fallacy of Illicit major and Illicit minor with suitable examples. 3+3 = 6

3. Answer any *two* questions from the following: 12×2 = 24

    (a) Determine the validity or invalidity of the following by Syllogistic rules: 4+4+4 = 12

    (i)   Not all politicians are honest.

          All politicians are humans.

          Therefore, some humans are not honest.

    (ii) $A \supset B$

          $B \supset C / \therefore A \supset C$

    (iii) $K \vee L$

          $K / \therefore \sim L$

    (b) What is opposition of proposition? Explain and illustrate different kinds of opposition of proposition. 3+9 = 12

    (c) Use truth table to determine the following statements form as tautology, self-contradictory or contingent: 4+4+4 = 12

    (i) $[p \supset (p \supset q)] \supset q$

    (ii) $p \equiv [p \cdot (q \supset p)]$

    (iii) $(p \supset q) \equiv \sim(p \cdot \sim q)$

    (d) What are the criteria for the appraisal of analogical argument? Discuss. 12

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