UNIVERSITY OF NORTH BENGAL

B.A. Honours Part-II Examination, 2022

PHILOSOPHY

PAPER-IV

Time Allotted: 4 Hours   Full Marks: 100

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

GROUP-A

(Logic: Part-B)

SECTION-I

Answer any *one* of the following   20×1 = 20

1. When is an argument said to be valid in tree method? Test the validity or   5+5+5+5 = 20
    invalidity of the following arguments with the help of tree method:

    (a) $A \supset B$ (b) $\dfrac{\sim A \supset B}{\therefore B \supset A}$ (c) $\dfrac{(R V \sim R) \supset S}{\therefore S}$
         $\dfrac{B \supset C}{\therefore C \supset D}$

2. Explain the method of agreement with the help of symbolic and concrete   16+4 = 20
    examples. Is it a method of proof?

3. What is hypothesis? What are the criteria used in judging the worth of   5+15 = 20
    hypothesis?

SECTION-II

4. Answer any *two* of the following: 10×2 = 20

    (a) What is stroke function? Transform the following statements into Sheffer's   2+4+4 = 10
    stroke function:

    (i) $p \supset q$

    (ii) $p \supset (p \vee q)$

    (b) Prove the validity of the following arguments by applying the method of   5+5 = 10
    Reductio ad Absurdum:

    (i) $(P \supset Q) \cdot (P \vee R)$

    $(R \supset S) \cdot (R \vee P) / \therefore \quad Q \vee S$

2020   1   Turn Over

(ii) $(C \supset H) \cdot (A \supset L)$

$(H \cdot L) \supset O$

$\sim O / \therefore \quad \sim C \vee \sim A$

(c) Explain a-priori theory of Probability. 10

(d) What is the doctrine of Plurality of Causes? Is it a acceptable? Explain. 6+4 = 10

SECTION-III

5. Answer any *five* of the following: 2×5 = 10

(a) What is decision procedure?

(b) What is CNF?

(c) Convert the following statement into DNF:

$p \cdot (p \vee q)$

(d) What is Mill's formulation of the method of difference?

(e) What is explanation?

(f) What is the Probability of getting tail in throwing a coin twice?

(g) What is the uniformity of nature?

(h) Transform the following into a Proposition:

$(p / q) / p$

GROUP-B

(Philosophy of Religion)
SECTION-I

6. Answer any *one* of the following: 20×1 = 20

(a) Explain and examine the main anthropological theories of the origin of religion. 20

(b) Discuss critically the ontological proof for the existence of God with reference to Anselm and Descartes. 20

(c) What is Hinduism? What are its main features? Discuss. 6+14 = 20

SECTION-II

7. Answer any *two* of the following: 10×2 = 20

(a) Discuss about the problem of evil. 10

(b) Explain the concept of Religion with reference to Vivekananda. 10

(c) What is universal religion? Why is Christianity regarded as a universal religion? Discuss. 4+6 = 10

(d) Explain the arguments for and against the belief in the immortality of soul. 5+5 = 10

SECTION-III

8.   Answer any *five* of the following: 2×5 = 10

   (a) What is natural theology?

   (b) What is the doctrine of trinity?

   (c) Is God a person?

   (d) What is Tripitaka? What are its branches?

   (e) What is Mana?

   (f) What are the five pillars of Islam?

   (g) Distinguish between two kinds of love — Eros and Āgape.

   (h) What is Monotheism?

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