2015

M.A.

4th Semester Examination

PHILOSOPHY

PAPER—PHI–401&405

Full Marks : 40

Time : 2 Hours   •

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

PHI – 401

[*Advaita Vedanta*]

Answer any *two* questions from Group—A
and *one* question from Group—B.

Group—A

[*adhyāsa mithyā iti bhabitum yuktam*]

1. Discuss after S'aṅkara the significance of the above
   statement.   16

2. Explain clearly the meaning of the word *atha* in the
   Brahma-sūtra , *athāto brahmajijñāsā* following the
   commentary of S'aṅkara.   16

3. How does S'ankara establish that *pradhānakāranvāda* is not acceptable, since the unconscious *pradhāna* cannot have tendency (*parvṛtti*) to create the world ? Discuss. 16

4. Comment on the Brahma-Sūtra , *puruṣās'mavaditicettathapi* after S'ankara. 16

Group—B

5. What sort of case-ending is attached to *Brahmaṇahjijñāsā* in the Brahma-Sutra *athāto brahmajijñāsa* ? 8

6. Why does Brahma-*Sūtrakāra* go to regute the views of the opponent in Tarkapāda ? Discuss after S'ankara. 8

7. *anytrābhāvāt ca na tṛṇādivat* .

Comment on the above Brahma-Sūtra after S'ankara. 8

PHI – 405

[*Advanced Logic*]

Answer any *two* questions from Group—A and *one* question from Group—B.

Group—A

Answer any *two* questions from the following.

1. Show that PM System is weakly complete as well as strongly complete. 16

2. Prove the following in PM :   4×4

   (i) $\sim\sim P \supset P$;

  (ii) $\left(p \supset (q \supset r)\right) \supset \left((p \cdot q) \supset r\right)$;

 (iii) $(p \equiv q) \equiv (\sim p \equiv \sim q)$;

 (iv) $((p \cdot q) \cdot r) \equiv (p \cdot (q \cdot r))$.

3. (a) Which notions of Modal Logic are said to be modal notions ?

  (b) Write the formation rules of propositional calculas and the system T. Is there any difference between the two ? Justify your answer.

  (c) Explain the rule of detachment with its symbolic formulation.

  (d) Prove the following in T system :
    (i) $L \sim P \equiv MP$;
    (ii) $LLP \equiv \sim MM \sim P$;

  (d) Prove the following in T system :

    $\Gamma(\alpha \equiv \beta) \longrightarrow \Gamma(L\alpha \equiv L\beta)$

                       2+(3+1)+2+(2+2)+4

4. (a) What is LMF in the system T ?

  (b) Symbolize the following two sentences using modal notions :

    (i) Either P is necessary or q is true.
    (ii) Whatever is true is possible.

  (c) What is the distinction between strict implications and material implications ?

(d) Prove any two of the following :

    (i) $M(P \vee q) \equiv (MP \vee Mq)$;

    (ii) $L (p \equiv q) \equiv (p = q)$;

    (iii) $P \supset MP$.

$$2+(2+2)+2(4+4)$$

Group—B

Answer any *one* question from the following.

5. (i) Explain, in brief, the notion of possibility.

    (ii) Show how $\Gamma(\alpha \prec \beta)$ can be obtained from $\Gamma(\alpha \supset \beta)$ and

    $\Gamma(\alpha \supset \beta)$ can be obtained from $\Gamma(\alpha \prec \beta)$.

$$(2+2)+(2+2)$$

6. Prove the following from the base in PM :

    (i) $(p \supset q) \supset (\sim q \supset \sim p)$;

    (ii) $PV \sim P$.   4+4

7. (a) Prove the Lemma in respect of Case 3.

    (b) Do you think that another transformation rule is necessary for licencing is to rewrite wffs according to the definitions ? Answer following PM System.

$$4+4$$

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