PHILOSOPHY TRIPOS, PART II

Friday 26 May 2023   09.00-12.00

Paper 8

PHILOSOPHICAL LOGIC

*Answer **three** questions only.*

Write the number of the question at the beginning of each answer. If you are answering an either/or question, indicate the letter as well.

STATIONERY REQUIREMENTS
20 Page Answer Book x 1
Rough Work Pad

> ***You may not start to read the questions printed on the subsequent pages of this question paper until instructed that you may do so by the Invigilator***

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1. What can radical interpretation reveal about a subject's mind?

2. What should a theory of meaning explain?

3. What does 'you' mean?

4. EITHER: (a) 'There are some things among which are all and only non-self-membered sets.' What does this mean? Is it true?

    OR: (b) What are multivalued functions? How can they be represented in a logical system?

5. EITHER: (a) Do indicative conditionals have a truth-value?

    OR: (b) What is, and what explains, the asymmetry of counterfactual dependence?

6. How are probability and frequency related?

7. Is logic entirely conventional?

8. Is there any persuasive argument for intuitionism in mathematics?

9. 'Arithmetic entails that numbers exist; logic alone has no existential implications; so arithmetic is not reducible to logic.' Discuss.

10. Critically assess Field's programme.

END OF PAPER