PHILOSOPHY TRIPOS   Part II

Thursday 1 June 2006   9 to 12

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

1   Does the principle of bivalence always hold?

2   Distinguish the indeterminacy of translation from the inscrutability of reference. Assess the grounds and describe the consequences of *one* of these theses.

3   Are meanings determined by dispositions of individuals?

4   **Either**   *(a)*   Describe and defend a semantics for indicative conditionals.

        Or   *(b)*   'The future is open and the past is closed'. In what sense is this true and how should it be accommodated in the analysis of counterfactuals?

5   **Either**   *(a)*   'It is only as referring to a concept that a plural phrase can be understood, because only a concept-word admits a plural' (Dummett). Discuss.

        Or   *(b)*   In what sense, if any, is '√4' ambiguous? Does it matter?

6   Is it logically true that at least one thing exists?

7   **Either**   *(a)*   Has Kant's philosophy of mathematics been falsified by advances in mathematics?

        Or   *(b)*   Has Kant's philosophy of mathematics been falsified by advances in logic?

8   In the *Grundlagen* Frege rejected the idea of introducing numbers by means of Hume's Principle. Why? Was he right?

9   Is '2+2=4' a useful falsehood?

10   Is the meaning of an arithmetical generalization its proof?

END OF PAPER