

**PHILOSOPHY TRIPOS Part IB**

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Monday 24 May 2004

9 to 12

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Paper 2

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.*

**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 'Individual intention and social convention are not rivals but complementary in determining the meaning of sentences.' Do you agree?
- 2 **Either** (a) In what sense, if any, must meaning be compositional?  
**Or** (b) Must a theory of meaning take the form of a theory of truth?
- 3 **Either** (a) Should we prefer free logic to the classical predicate calculus?  
**Or** (b) What, if any, issues in logic can substitutional quantification help us to clarify?
- 4 Discuss Davidson's concept of logical form with reference to his views about action sentences.
- 5 Sketch a deductive system and semantics for (a) the modal logic T and (b) the modal logic S4. Show that S4 is stronger than T.
- 6 Are there possible worlds other than the actual world? If so, are they concrete?
- 7 Should we abandon the Law of Excluded Middle?
- 8 Is the Theory of Descriptions more than an account of some English idioms?
- 9 Do proper names have sense?
- 10 What has naming to do with causation?
- 11 **Either** (a) Must mathematical or scientific theories have an intended interpretation?  
**Or** (b) How did Frege and Hilbert differ concerning the interpretation of mathematical theories?

END OF PAPER