

PHILOSOPHY TRIPOS Part IB

Monday 24 May 2010

09.00 to 12.00

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.

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 In what sense, if any, is meaning compositional? Why does it matter?
- 2 Could we all be wrong about what a word means? If not, why not?
- 3 What problems does Frege's account of quantification try to solve?
Does it succeed?
- 4 'Logical form is a philosophical myth.' Discuss.
- 5 Can the meaning of a name be explained purely in terms of the object it refers to?
- 6 **Either** (a) Is Hesperus necessarily identical to Phosphorus?
Or (b) 'Kripke's theory says that a name refers to *the* object which stands at the beginning of a certain causal chain. So it is really just a description theory.' Discuss.
- 7 Could there be an empty world?
- 8 **Either** (a) How does the idea of possible worlds with accessibility relations between them help us to understand the differences between the modal logics T, S4 and S5?
Or (b) Is there a notion of possibility that is captured by the modal logic S4?
- 9 Can the dispute between classical and intuitionistic logicians be settled? If so, how?
- 10 Is there anything wrong with implicit definition?

END OF PAPER