

**PHILOSOPHY TRIPOS Part IB**

**PRELIMINARY EXAMINATION FOR PART II OF THE PHILOSOPHY TRIPOS**

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Tuesday 29 May 2001

9 to 12

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Paper 3

LOGIC

*Answer **three** questions only.*

*Write the number of the question at the beginning of each answer.*

**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 Superman is Clark Kent, yet Lois believes both that Superman can fly and that Clark Kent cannot. Discuss.
- 2 Is there anything wrong with the idea that proper names are disguised definite descriptions?
- 3 Explain how the semantics for the modal operators  $\Box$  and  $\Diamond$  might be thought to reflect the truth-conditions of claims about necessity and possibility.
- 4 'Meaning is compositional.' Discuss.
- 5 'To understand the word "good" you need to grasp that to utter it in a suitable context is to perform a particular speech act.' If true, does this show that understanding 'good' is different from understanding 'square'?
- 6 'Grammatical form misleads as to logical form.' Discuss with reference to examples.
- 7 'The probability of heads on the next toss of this coin is 1/2.' Compare the subjectivist and objectivist interpretations of this sentence.
- 8 Can you say 'It's cold in here' and mean 'It's hot in here'? If not, why not?
- 9 What is the difference between a substitutional and an objectual interpretation of the universal and the existential quantifiers?
- 10 Discuss the idea that verificationism should lead us to doubt whether the law of the excluded middle is a logical law.

END OF PAPER