## PHILOSOPHY TRIPOS Part II

Monday 30 May 2011 09.00 to 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

- 1 Does the issue between realism and anti-realism turn on questions of meaning?
- 2 What more is there to meaning than is provided by a theory of truth?
- 3 **Either** (*a*) Is dispositionalism a satisfactory response to scepticism about meaning?

**Or** (b) Does externalism render meaning determinate?

- 4 Does indeterminacy of translation imply indeterminacy of meaning?
- 5 **Either** (a) 'Plural logic raises no problems not already encountered with singular logic.' Discuss.

**Or** (*b*) Explain the distinction between distributive and collective predication. Comment on its significance.

6 **Either** (*a*) 'Counterfactual conditionals are about how things might have been. So their truth cannot depend on how things actually are.' Discuss.

**Or** (*b*) Present and defend an account of indicative conditionals.

7 **Either** (*a*) Does a grasp of Hume's Principle provide us with a basis for appreciating a priori the truths of number theory?

**Or** (*b*) In what sense, if any, are the arithmetical truths necessarily true?

- 8 Has Field succeeded in his aim of explaining the role of mathematics without appealing to abstract objects?
- 9 Do ante-rem (structural) universals provide the subject matter of mathematical theories?
- 10 Should the logic of mathematics be intuitionistic?