PHILOSOPHY TRIPOS   Part II

Thursday 29 May 2008          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. How are meaning and truth related?

2. Can meanings be private?

3. 'Facts about meaning are not reducible to physical facts, but this only shows that they are *sui generis.*' Discuss.

4. **Either** (a) How are counterfactuals and the direction of time related?
   **Or** (b) Do English indicative conditionals tell us anything more than the corresponding material conditionals?

5. **Either** (a) Discuss the logic of plural descriptions.
   **Or** (b) What is a plural term? Are there any?

6. Might there be nothing?

7. Is arithmetic synthetic?

8. **Either** (a) What is the Julius Caesar problem? Who is it a problem for?
   **Or** (b) Discuss the role of propositional functions in the defence of logicism.

9. Is mathematics best compared to a false scientific theory, or to a novel, or to neither?

10. 'Mathematics is quite unlike physics, since mathematics is primarily concerned with proof.' Discuss.

END OF PAPER