

PHILOSOPHY TRIPOS Part IB

Wednesday 30 May 2007

09.00 to 12.00

Paper 6

PHILOSOPHY OF SCIENCE

Answer **three** questions only.

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

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 'The aim of science is usefulness not truth.' Discuss.
- 2 Does the meaning of a theoretical term depend on the theory in which it is embedded?
- 3 What do the paradoxes of confirmation tell us about evidence?
- 4 Is there any sense in which observation must be theory-laden?
- 5 Is it possible to falsify a theory?
- 6 Does Kuhn give us good reason to think that theory-change is a non-rational process?
- 7 What is a good explanation?
- 8 Do laws reveal necessities in nature?
- 9 Are there natural kinds?
- 10 How should we view the relationship between frequencies and probabilities?

END OF PAPER