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.*

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**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