

NST2BBS
Natural Sciences Tripos Part II: Biological and Biomedical Sciences

Tuesday 6 June

09.00–12.00

Paper 45

Philosophy and Ethics of Medicine

*You should answer **four** questions in total. Answer **at least one** question from Section A and **at least one** question from Section B. All questions carry equal weighting.*

Begin each answer on a separate sheet.

*Write legibly and on only **one** side of the paper.*

Answers must be tied up in separate bundles, marked 1, 2, 3, etc. according to the number of the question.

*Attach a completed coversheet to each bundle and complete a master coversheet listing all questions attempted. It is essential that you write your examination number and **not** your name on the coversheet and on **each** bundle.*

You may not start to read the questions printed on the subsequent pages of this question paper until instructed to do so by the invigilator.

SECTION A: Philosophy of Medicine

1. When is it reasonable to make causal inferences about humans based on animal experiments?
2. What are the main arguments against employing screening programmes to identify cases of disease as early as possible? Are these arguments successful?
3. What sorts of properties should be measured in clinical research, and how should such measurements be analysed?
4. What are the most worrying threats to the reliability of clinical research? Do medical scientists mitigate those threats?
5. When public healthcare resources are allocated, should quality of life estimates for health states be provided by the public?
6. What kinds of unanticipated effects does quantification produce in health policy, and through which means?

SECTION B: Ethics of Medicine

7. When, if ever, is a foetus a person, and why, if at all, does this matter?
8. Is there an obligation to participate in medical research?
9. When and why should we worry about health inequalities?
10. What, if anything, is wrong with the Nanny State?
11. How should biomedical research agendas be determined?
12. What role should non-epistemic values play in biomedical research?

END OF PAPER