

OLLSCOIL NA HÉIREANN, GAILLIMH
NATIONAL UNIVERSITY OF IRELAND, GALWAY

Second Semester Examination 2002-2003 (Summer)
 History: Second Arts and Visiting

History of Science in the West: Science and Society
(HI270 / HI319)

Answer one question from section A
Answer two questions from section B
All questions carry equal credit

Time Allowed: TWO HOURS

Section A

1. 'Can we still impute to science the ideals, motives and even perhaps the high prestige that characterised it in the days when it was the affair of a select band of devotees?' (D.S. Cardwell, *The Organisation of Science*, 1957). Considering the changes in the sciences over the previous hundred and fifty years, how should we answer Cardwell's question?

2. Is 'Big Science' a twentieth-century development? Why (not)?

Section B

3. How did the financial support of the sciences change over the nineteenth century?

4. How important was the State in the development of modern scientific organisation in Britain and Ireland?

5. 'Naval power, science and empire converged with superb economy [in the nineteenth century]' (Peter Raby, *Bright Paradise*, 1996). Why was science part of this convergence?

6. Discuss, with relation to *either* plants *or* people, how the Victorians dealt with the problems of acclimatization to new environments.

7. Was *Enovid* Margaret Sanger's 'magic pill'?

8. Was the involvement of scientists in the Atomic Bomb project significantly different from earlier examples of scientists' involvement with war?

THE END
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