

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualifications:–

B.Sc. B.Sc. (Intercal)

Hist. of Medic. B12: Man's Place in Nature 1750–1900

COURSE CODE : HMEDB012

UNIT VALUE : 0.50

DATE : 04–MAY–05

TIME : 10.00

TIME ALLOWED : 3 Hours

THREE HOURS

Please answer any FOUR QUESTIONS

1. What did the biblical creation story contribute to Western ideas about the history of the natural world before 1800?
2. Assess the role of fossils in debates over the history of living beings in the 18th and early 19th centuries.
3. In what ways was Malthus's *Essay on the Principle of Population* (1798) significant in shaping evolutionary ideas in the 19th century?
4. Why might *Vestiges of the Natural History of Creation* (1844) have been published anonymously?
5. Outline the principal doctrines of Charles Darwin's theory of evolution by natural selection as presented in his book *On the Origin of Species* (1859).
OR
Is it reasonable to argue that Charles Darwin and Alfred Russel Wallace 'simultaneously discovered' the idea of evolution by natural selection?
6. "Is man an ape or an angel?" Discuss this remark by Benjamin Disraeli in the light of the controversy following publication of *On the Origin of Species*.
7. Compare the eugenics movement in the USA and Britain from about 1880 to 1920.
8. Describe the social dimensions of intelligence testing during the early decades of the 20th century.
9. Assess Rosalind Franklin's contribution to the identification of the structure of DNA.
10. "Questions about the origins of human beings that were once answered by religion are now answered by science". Discuss this claim using material drawn from the course.

END OF PAPER