

THREE HOURS

Please answer any FOUR questions

1. Describe the impact of the story of Noah's Flood on geology from about 1600 to about 1850.
2. Outline the principal doctrines of Robert Chambers' *Vestiges of the Natural History of Creation* and discuss its impact on Victorian society.
3. If you were asked to make a documentary film for TV explaining Darwin's path towards the idea of evolution by natural selection what would you include? Justify your choices.
4. What scientific and social circumstances might explain the simultaneous formulation of the theory of evolution by natural selection by Alfred Russel Wallace and Charles Darwin?
5. Describe the main issues involved in the controversy surrounding publication of Charles Darwin's *Origin of Species*?
6. In what ways did the theory of evolution (in its widest sense) throw 'light on the origin of man'?
7. What were the most important aspects of the development and use of intelligence testing in the period 1900 to about 1920.
8. 'Science has no social implications'. Discuss in relation to the eugenics movement, 1880-1920.
9. Evaluate the relative importance of scientific competition and gender in the 'race' towards identifying the structure of DNA.
10. Using what you have learned on this course, discuss the question whether it is legitimate to refer to a 'Darwinian revolution'?

END OF PAPER