



**THREE HOURS**

Please answer **FOUR** questions

1. Discuss the intellectual impact of **TWO** of the following topics  
  
The idea of Noah's Flood  
The Microscope  
The discovery of fossils  
Classification
2. Describe the evolutionary theories of Lamarck and Erasmus Darwin. How far do you think that these figures can be regarded as precursors to Charles Darwin?
3. What was controversial about the *Vestiges of the Natural History of Creation*?
4. It is commonly said that the *Beagle* voyage stimulated Charles Darwin's theories of evolution. Discuss the factors that might be used to criticise this view.
5. Assess the features that might have led Darwin and Wallace independently but simultaneously to propose the theory of evolution by natural selection.
6. "Darwin's *Origin* changed the way human beings were regarded." Examine this statement with reference to the arguments over ape ancestry after the *Origin of Species* was published.
7. Is the idea of a Darwinian 'revolution' either necessary or useful?
8. Evaluate the impact of hereditarian ideas in the history of biology from about 1860 to 1900.
9. Eugenics occupied a pivotal ideological site between science and society. Discuss
10. In your opinion what were the major changes in European biological thought over the period 1800 to 1900. Is it possible to link these to the changing social and cultural context of the century?
11. In what ways might it be possible to claim that Intelligence Tests during the period 1910 –1940 were more or less arbitrary?
12. Is it valid to regard fictional texts and TV dramatisations as useful resources for the history of biology? Illustrate your answer with items drawn from the course.

**END OF PAPER**