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**9. 1999 Q4 P1**

State two advantages of natural selection to organisms

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**10 2000 Q7 P1**

Give reason why each of the following is important in the study of evolution:

a) Fossils records

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b) Comparative anatomy.

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**11. 2002 Q14 P1**

a) What is organic evolution?

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b) State two ways in which Homo sapiens differs from Homo habilis

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c) Distinguish between divergent and convergent evolution giving example in each case.

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**12. 2003 Q6 P1**

Distinguish between analogous and homologous structures.

Analogous structures –

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Homologous structures –

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**13. 2004 Q14 P1**

a) What is the difference between Darwinian and Lamarckian theories of evolution? (2 marks)

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b) What is meant by the following terms? Give an example in each case.

i) Homologous structures

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ii) Example

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iii) Vestigial structure (6 marks)

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**14. 2005 Q4 P1**

What is meant by

a) Organic evolution (1 mark)

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b) Continental drift? (1 mark)

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**15. 2006 Q15 P1**

Explain continental drift as an evidence of evolution. (3 marks)

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**16. 2007 Q21 P1**

(a) What is adaptive radiation (2 marks)

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(b) Give a reason why organisms become resistant to drugs (1 mark)

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**17. 2008 Q7 P1**

(a) What is fossil (1 mark)

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(b) How does convergent evolution occur (3 marks)

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**18. 2009 Q10 P1**

(a) (i) What is meant by vestigial structures? (1 mark)

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(ii) Give an example of a vestigial structure in human (1 mark)

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(b) Explain why certain drugs become ineffective in curing a disease after many years of use. (2 marks)

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**19. 2010 Q24 P1**

a) State **two** ideas proposed by Lamarck in his theory of evolution. (2 marks)

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b) Why is Lamarck's theory not acceptable? (1 mark)

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**20. 2011 Q21 P1**

a. What is meant by convergent evolution? (1 mark)

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b. State two limitations of fossils as an evidence of evolution (2 marks)

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**21. 2011 Q2d P2**

Explain how comparative embryology is an evidence for organic evolution. (2 marks)

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**22. 2012 Q22 P1**

State the importance of divergent evolution to organisms (2 marks)

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**23. 2012 Q26 P1**

(a) State the theories of evolution proposed by the following scientists. (2 marks)  
Charles Darwin



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Jean – Baptiste de Lamarck...  
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(b) State the evidence of evolution based on (2 marks)

(i) Cell organelles...  
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(ii) Fossils...  
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