**Evolution**

1. **What is a gene pool?**
2. **What are the four forces that cause a change in a gene pool?**
3. **What is gene flow?**
4. **What are the two types of gene flow?**
5. **What happens if genetic drift has occurred**
6. **What is a bottleneck effect?**
7. **Name one way in which a bottleneck effect would occur**
8. **What is founder effect?**
9. **What defines something as a new species?**
10. **What is natural selection?**
11. **What is speciation?**
12. **What causes allopatric speciation?**
13. **What is symbiotic speciation?**
14. **What are the reasons for allopatric speciation?**
15. **What are the following diagrams showing**
16. 
17. 
18. 
19. 
20. **What post-reproductive isolating mechanisms of speciation?**
21. **What are some reproductive isolation mechanisms?**
22. **What is a homologous structure and what do we know from these structures?**
23. **What does an emu, ostrich and kiwi have in common and how do you know?**
24. **What is a phylogenetic tree?**
25. **What does this tree show you?**

