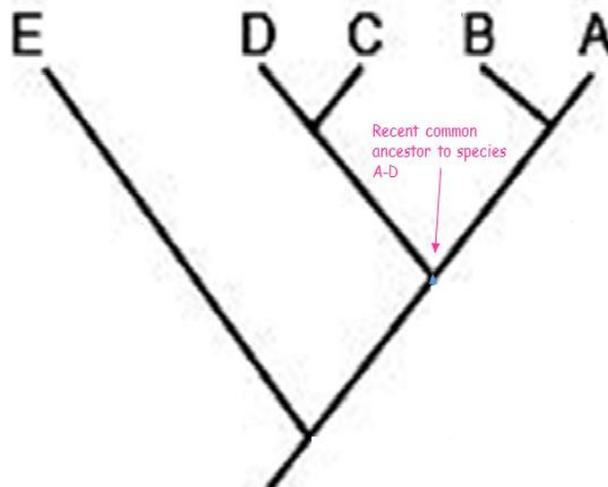


YOU MUST HAND WRITE THESE ANSWERS

1. What characteristics do living organisms share?
2. What is phylogeny?
3. What is a cladogram?
4. Label this diagram: root, clade, sister taxa, branch point.



5. How do you properly write the scientific name for human using Genus species?
6. What are homologous structures?

7. Give an example of a homologous structure.
8. What are analogous structures?
9. Give an example of an analogous structure.
10. What is convergent evolution?
11. What is evolutionary reversal?
12. List 4 reasons why phylogenies are important.
13. What is an ancestral trait?
14. What is a shared derived trait?
15. What is vertical gene transfer?

16. What is horizontal gene transfer?

17. Is there evidence that horizontal gene transfer happens in eukaryotes?

18. What is the endosymbiont theory?