

Evolution as a Fact Newsletter Questions

Name _____ Per _____

1. _____ States that processes identical to those occurring today also occurred in the distant past.
2. Organisms descend from others with _____.
3. _____ has caused Marsupials to be found on both continents, Australia and South America.
4. Birds on the _____ Islands resemble those on _____ mainland.
5. _____ are those structures that are similar between species because the species inherited the traits from a common ancestor.
6. _____ are structures that are similar between species, but the traits evolved separately from one another through convergent evolution.
7. _____ are structures that have no function but are leftover traits inherited from ancestors.
8. (T / F) An embryo of a fish , salamander, turtle, chicken, rabbit and human all look very similar.
9. _____ is a scientific term to Darwin's phrase "descent with modification."
10. Examples of vertebrate tetrapods are:
_____, _____, _____ and _____.
11. Name 5 evidences of Evolution: _____,
_____, _____,
_____.
12. (T / F) If a habitat is suitable for an organism, than that organism will be found there.
13. _____ are an aquatic animal which evolved from a terrestrial animal.
14. _____ and _____ have femurs, but not legs, this is an example of _____.
15. Humans have a rudimentary tail, this is an example of _____.
16. Animals with 4 legs are called _____.
17. (T / F) Almost all organisms from bacteria to mammals use the same basic biochemicals such as ATP and DNA.
18. Examples of processes happening today that happened in the past are
_____, _____,
_____ and _____.
19. (T / F) Birds and insects fly, so their wings are very similar.
20. _____ is when each lineage evolved a trait separately. For example, a bird and and an insect's wing.
21. (T / F) The genetic code of most organisms is very different, meaning that we do not have common ancestors.

22. Evolution is the change in a _____ over time.

23. Give two examples to prove the fossil record.

24. _____ is the study of the distribution of species.

25. _____ shows similar embryological features among certain organisms.

26. _____ generally contain organisms that most closely resemble those on the nearest mainland.

27. _____ can be used for flying, swimming, burrowing, singing and climbing.

28. _____ reflect changes from ancestors to descendants.

29. _____ shows similar anatomical features among certain organisms.

30. An example of homologous structures is

31. _____ means the lineage of ancestors and descendants. Which 3 continents are marsupials found? _____,

32. (T / F) Biologists know that species within a given geographical region tend to be related because they share a common ancestry.

33. Even though climates may be similar such as _____, _____, _____, they may have different plants and animals, indicating that biodiversity isn't influenced by climate and environment.

34. An example of a transitional fossil is an _____, because it's fossil has both avian and reptilian characteristics.