



Name _____ Class _____ Date _____

1 In order for new species to develop, there must be a **change** in the

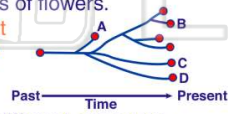


- A temperature of the environment
- B migration patterns within a population
- C genetic makeup of a population
- D rate of succession in the environment

2 Which statement is **not** part of the concept of **natural selection**?

- A Individuals that possess the most favorable variations will have the best chance of reproducing.
- B Variation occurs among individuals in a population.
- C More individuals are produced than will survive.
- D Genes of an individual adapt to a changing environment.

3 The diagram below shows the **evolution** of some different species of flowers. Which statement about the species is correct?



- A Species A, B, C,

4 According to most scientists, which sequence best represents the **order of biological evolution on Earth**?

A	B	C
The diversity of multicellular organisms increases.	Simple, single-celled organisms appear.	Multicellular organisms begin to evolve.



PREVIEW

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5 **B** cannot be passed on to offspring
C are usually beneficial to the organism
D lead to more serious mutations in offspring



B Carnivores have evolved from herbivores.
C The two types of teeth most likely evolved as a result of natural selection.
D The two types of teeth most likely evolved as a result of the needs of an organism.

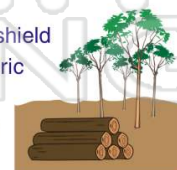
9 Areas with **many different niches** will most likely have

- A large numbers of organisms that will become extinct
- B no organisms that will become extinct
- C little diversity among the organisms
- D great diversity among the organisms



10 One **irreversible effect** of both **deforestation** and **water pollution** on the environment is the

- A extinction of species
- B thinning of the ozone shield
- C depletion of atmospheric carbon dioxide levels
- D increase in renewable resources





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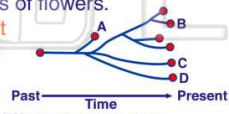
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7

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