



جامعة سوهاج



قسم علم الحيوان



كلية العلوم

**Evolution Midterm Exam (310 Z) (3<sup>rd</sup> Yr Zool. Chem. Students)**

**(Time: 1 Hour)**

**Date: 12/11/2019**

**(10.00-13.00 PM)**

**(1 Pages)**

**I-Answer the following questions (Multichoice)**

**(1 point each)**

**1 DNA structure revealed that the nuclei of the cells of living organisms possess very special genetic information, and this information could not be altered by .....**

**A** acquired traits. **C** genotypes.

**B** heritable traits. **D** phenotypes.

**2 Darwin was heavily influenced by the diversity of species he observed, especially of the different .....finches.**

**A** Hawaii islands **C** Galapagos Island.

**B** Caribbean islands. **D** Indian islands.

**3 Darwinism tried to develop a different model of evolution in the first quarter of the twentieth century called.....**

**A** Natural selection. **C** adaptation.

**B** neo-Darwinism. **D** mutation.

**4 There is a glaring contradiction when the theory of evolution is compared to scientific findings in such diverse fields as .....**

**A** the origin of life. **C** paleontology.

**B** comparative anatomy. **D** All the above.

**5 The differences in the beaks of finches were a result of their adaptation to their.....**

**A** similar feeding. **C** similar environments.

**B** different feeding. **D** different environments.

**Answer with Correct (√) or False (X) for each point.**

**1 Natural selection doesn't select the favorable traits. (X)**

**2 In 1959, the belief that bacteria could come into existence from inanimate matter was widespread. (√)**

**3 Charles Darwin developed his theory when science was in an advanced state. (X)**



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<b>I-Answer with Correct (√) or False (X) for each point.</b>		<b>(2 point each)</b>
11	National Geographic was interested in anything other than the prevailing dogma that birds evolved from dinosaurs.	
12	Living things can be arranged in a continuous, unbroken series from simple to complex.	
13	Mutation lies at the heart of all modern evolutionary theory (new-Darwinism).	
14	Charles Darwin actually refuted the theory of evolution on his deathbed in 1882.	
15	Darwin's theory of natural selection hasn't been all good. It also led to the philosophy of social Darwinism and the practice of eugenics.	
16	Species in two separate, isolated areas can evolve into nearly identical forms.	
17	Evolution occurs over long stretches of time, not in quick jumps.	
18	Did God bring life into being and then it evolved by stages.	
19	Does the universe and the living things in it contain extraordinarily complex design and knowledge?	
20	Does Darwinism consist of the concept of the transmutation of species.	

**Good Luck**

**Prof. Dr. Tito Habib**