Name		
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## **Evidence Of Evolution** (p. 283 – 287)

## I. The Fossil Record

1.	Define the term fossil.
	<u>Fossil</u> –
2.	Circle the letter of the sentence that is incorrect concerning fossils.
	<ul><li>a. Fossils of animals show a pattern of development from ancestors to descendants.</li><li>b. The fossil record offers no evidence that evolution takes place.</li><li>c. Change over time can be seen in the fossil record.</li><li>d. The fossil record is incomplete.</li></ul>
3.	The Earth is about 4.5 million years old.
	<u>Circle One</u> : True False
4.	What is the best environment to search to find fossils?
5.	Which type of organism has a better chance of fossilizing?
	<u>Circle One</u> : Soft-bodied Hard-bodied
6.	Define the term paleontologist.
	Paleontologist –
7.	How do paleontologists develop an orderly picture of an organism's evolution?
Anato	omy & Development
1.	Define the term homologous structures.
	Homologous Structures –
2.	List three examples of homologous structures in mammals.
	1

Vestigial Structu	<u>res</u> –		
4. List three examples	of vestigial structures	in animals.	
1	2		_ 3
5. How is embryology			
iological Molecules			
1. Which type of ances	stor exhibits greater an	nino acid sequen	ce differences?
<u>Circle One</u> :	More Recent	More Distant	t
2. Are protein patterns	s always a reliable mea	sure of evolution	nary trends?
<u>Circle One</u> :	Yes No		
Circle One:  3. What is used a valid	Yes No	olution in a spec	ies?
Circle One:  3. What is used a valid  4. List three chemical	Yes No  I measure of genetic ev  compounds found in n	olution in a spec	ies? ms. (Not in the book.)
Circle One:  3. What is used a valid  4. List three chemical	Yes No  I measure of genetic ev  compounds found in n	olution in a spec	ies? ms. (Not in the book.)
Circle One:  3. What is used a valid  4. List three chemical  1  cographic Distribution (	Yes No  I measure of genetic ev  compounds found in n  2.  Of Living Things (Not	early all organis	ies? ms. (Not in the book.)
Circle One:  3. What is used a valid  4. List three chemical  1  cographic Distribution of the Galapagos Islands.  a. They had descent the control of the control o	Yes No I measure of genetic eventual compounds found in note that the compounds for the compound for	early all organism on from a common from several disarriving on the Garriving on the Garriv	ies?  ms. (Not in the book.)  _ 3.  fon of finch species on the mainland ancestor.  fferent mainland ancestors alapagos from the mainland

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