Name	

	<b>FOSSIIS</b> (p. 362 – 369)	
I. Formation OF Fossils		
p.362	1. Define the term fossils.  Fossils - remains, imprints, or truces of prehistoric organism	
	2. What causes the remains of plants and animals to decay?  Bacteria Why does your poop smell?	
	3. Most fossils form when living things die and are buried by sediments.	
	<u>Circle One</u> : True False	
(p.363)	4. Why do only the hard parts of organisms generally leave fossils?	
	The soft parts often decay quickly or are eaten by animo	
II. Types Of Preservation		
	1. Define the term premineralized remains.	
p.364	Premineralized Remains - fessils in which the spaces inside are	
Top	filled with minerals from groundwater.	
Spaces for	2. What molecule can be extracted from original material in premineralized remains?	
ce ils, blood	DNA	
vessels, norves	3. Water and dissolved silica can sometimes replace the hard parts of fossil organisms.	
of air	Circle One: True False Exp-Shells	
hrond	4. Define the term carbon film.	
of P.S	Carbon Film - thin film of carbon residue that remains to	
Turi	form a silhouette of the original organism.	
Screen	5. A carbon film forms when minerals preserve the delicate parts of an organism.	
Print	Circle One: True False Co-bon loft after evaporation	
Shirts	6. How does coal form?	
B. C-47-20-4	Large amounts of plant meterial accumulates > Completely carboni	
Co-le to	7. Circle the letter of each sentence that is true about casts and molds.	
	a. Both molds and casts copy the shape of ancient organisms.	
2 365	b. A mold forms when the hard part of an organism is buried in sediment c. A cast is a hollow area in sediment in the shape of an organism.	
	d. Molds and casts do not show details of the organism's structure.	

	Name
)	8. Define the term amber.
6.366	Amber - hardened form of sticky tree resin
Top	9. Besides amber, what are two other ways in which original remains can be preserved?
	1. Ice 2. Tar Pits  10. Define the term trace fossils.
p.366	Trace Fossils - fossilized tracks + other evidence of activity of
Botton	11. List three clues about the past that scientists can infer by looking at fossil footprints.
	1. Animal size + behavior + speed
	2. Walked on 2 or 4 legs
	3. Solitary or head litertyles
	12. Circle the letter of each trace fossil.
	a. Footprints b. Animal Trails c. Animal Shells d. Burrows
III. In	ndex Fossils
	1. Define the term index fossils.
(p.367)	Index Fossils - remains of species that existed on Earth for relatively short periods of time were abundant and were widespread garaphically  2. Circle the letter of each sentence that is true about index fossils.
	a. Index fossils must be found in many different areas. b. Index fossils must represent an organism that lived for a very long time. c. Index fossils tell the exact ages of the rock layers in which they occur. d. Not all rocks contain index fossils.
IV. Fo	ossils & Ancient Organisms
P.368	1. List three things that scientists learn by studying fossils.  1. Evidence of how life changes over time.  2. How Earth's surface has changed.  3. What past environments were like.