Name:		Period:	
he	Form and Structure of Hair (pgs. 110-114)	A 1 00 -	
1.	Another name for the form and structure of something is its Morphology.	signat Medulla Cortex	
2.	In a 24hour period, the average person sheds hairs from the scalp alone.	Air sacs	
3.	Label the parts of the hair shaft pictured here.	Cativia	
4.	A folling is the organ out of which a hair shaft grows.	Cuticle Scales	
5.	Why is analyzing hair useful for drugs and poisons?		
	Toxins in the blood make their way to the follicle and into the hair.		
6.	Match the following descriptions of the parts of a hair shaft.		
	B cortex a. spongy interior core of hair that gives it flexibility	; appears as a canal in the middle of	
	the shaft cuticle b. middle layer of the hair shaft that provides strengers	gth; comprises most of the hair mass	
	A medulla c. tough, clear outside covering of the hair shaft		
7.	What is unique about the cuticle of human hair? The imbricat	e pattern	
	What is unique about the cuticle of human hair? The imbricat Shows cuticles that are very close	together.	
8.	Identify the origin of the hair shafts pictured here.	~ M	
	Human hair		
	Mouse		
9.	Why does human hair have a characteristic odor when it burns?		
	Sultan bonds in the protein break down	Ã B C	
	The protein of which hair is made is		
11.	Label the longitudinal diagram of the	В	
	hair shaft below.		
	Cortical fusi		
	Cortex Pigment granules		
	Medulla		
)		υ Ε	
12.	Pigment that makes hair black, brown, red or yellow is found in the $\underline{\hspace{0.2cm}}^{\hspace{0.2cm} N}$	Tex.	

Name:	Date: Period:			
13. Distinguish the medulla patterns in the diag	gram below.			
Continuous (human)		_ 🗸		
Continuous (animal)				
Fragmentary		— В		
BInterrupted		-C		
Stacked	THE RESERVE THE PROPERTY OF THE PARTY OF THE			
14. The medulla is normally invisible, except in	the hair of	— <i>U</i>		
which people groups?	304667 13197 7988 8 47 7 4	— E		
Native American, As	ilan			
15. What hair shapes are generally found among these people groups?				
African peoples: Crescent				
Whites, Mexicans, and Middle Eastern peoples:				
Asians and Native American peoples:	Round			
16. Head hair, on average grows cm p	per month.	· · · · · · · · · · · · · · · · · · ·		
17. Put the threes stages of growth of hair into	chronological order (telogen, catagen, anagen).			
Ana	jen Catagen Telopen			
18. The stage of hair growth that lasts up to five	years is the anasen phase.			
19. Hairs found on a hair brush are normally from	m the <u>telogen</u> phase.			
20. Match the hair end description with a condition that would explain it.				
\mathcal{L} Squared off at the tip	A. mature human hair			
$\underline{\mathcal{H}}$ Rounded at the base	B. use of harsh chemicals, or overuse of a blow dryer			
$\overline{\mathcal{D}}$ Tapers to a point	C. recently cut			
\mathbb{B} Frayed or split ends	D. uncut for a period of time			
21. List three reasons how a pencil can be a usef				
	and the second s			
wood	- cortex			
Lead	- medulla			
paint	cuticle			
0.16.540	- root	·····		
- Linavi				
				