

Name: _____

Date: _____

Hair Structure

I W A L X B U K E K P E P T I D E B O N D S D M
Q H H E N T O T O A I H I R T U S B I O P L N I
N D T M E D U L L A S Q E M U K B B J N I I F C
S Y Y H P S L L E C L A C I T R O C O Y N O A R
R D W D C F G E A E S G F H V E X S C A Y C M O
P N N S M U J L E I N S V P P C Q R L I F X I F
O E V O A M E S D E X D L M P A R E Q O A I N I
L G S L B M M E N H D N B I R O M S Q Z P L O B
Y O U F A E B O J G F S Y O R L M A R R J E A R
P R Q S P O D E X S D V B O N B I X S O J H C I
E T N J N W G I P W Q R Q M R D I A A U A F I L
P I A D T A Y Z F S D K T R N E S F T W L B D S
T N S C T E T D C L A R R F I P Y J O E C F S W
I C H O U A C I V E U E N I L A K L A R N U U I
D A M N C T D D R A A S S L O I W D M I C I B R
E S F F H I I T L A I G I G T L T A D U K A M M
C D A D C S N C E P O V F D K K H P U H S C M A
H A U A Y W H C L X N D Q C J C N R G D V O O L
A E P P X L F M Y E L L H M K Y O E I N H S P U
I H H R K B W G E F P C X W T A B B D Y J V C A
N D A P F M E X O N N T N V C O R P A S K H C P
S I J X M N C O R T E X M P N M A G Y J O S W Q
I C N Q Y B H Y D R O G E N Y J C P G A N Y V W
G A X S A L T B O N D S D N O B N E G O R D Y H

polypeptide chains
macro fibrils
salt bonds
acid head
nitrogen
melanin
sulfur

disulfide bonds
micro fibrils
side bonds
end bonds
hydrogen
acidic
carbon

hydrogen bonds
peptide bonds
amine tail
pH scale
medulla
cortex
atoms

cortical cells
amino acids
helix coil
alkaline
cuticle
oxygen