

Name: _____

Date: _____

Enzymes

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

optimal temperature

activation energy

lock and key

active site

induced fit

denatures

inhibitor

substrate

product

enzyme