

Name: _____

Date: _____

lines of defense

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

non-specific defense

specific defense

inflammation

phagocytes

antibodies

nose hair

T cells

B cells

mucus

skin