



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 **Insulin** allows the body to take in **glucose** from the blood for energy. What **disease** requires a person to use insulin as a medicine?

- A cancer
- B allergies
- C asthma
- D diabetes



2 Which **structure** is part of the **first line of defense**?

- A stomach
- B liver
- C small intestine
- D large intestine



3 During **inflammatory response**, one type of **white blood cell** called \_\_\_\_\_ move into damaged tissue so they can fight the invading pathogens.

- A pathogens
- B phagocytes
- C \_\_\_\_\_
- D \_\_\_\_\_



4 Why does the tissue affected by an **inflammatory response** becomes **red and swollen**?

- A damaged cells grow over
- B pathogens have taken over
- C the blood vessels have widened



5



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- C B cell
- D C cell

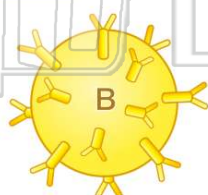


- C recognize some pathogens
- D recognize one pathogen



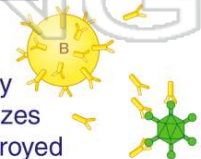
9 The **chemicals** produced by the **B cells** are called \_\_\_\_\_.

- A antigens
- B antibodies
- C pathogens
- D phagocytes



10 **Antigens** and **antibodies** fit together to **attack pathogens**. When they attach to the pathogen, \_\_\_\_\_.

- A it slows down
- B all three leave the body when the person sneezes
- C it is marked to be destroyed
- D it has more energy





## ANSWER KEY

**Insulin** allows the body to take in **glucose** from the blood for energy. What **disease** requires a person to use insulin as a medicine?

- A cancer
- B allergies
- C asthma
- D diabetes



(d)

Which **structure** is part of the **first line of defense**?

- A stomach
- B liver
- C small intestine
- D large intestine



(a)

During **inflammatory response**, one type of **white blood cell** called \_\_\_\_\_ move into damaged tissue so they can fight the invading pathogens.

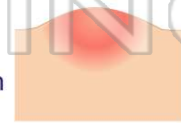
- A pathogens
- B phagocytes
- C antigens
- D \_\_\_\_\_



(b)

Why does the tissue affected by an **inflammatory response** becomes **red and swollen**?

- A damaged cells grow over
- B pathogens have taken over
- C the blood vessels have widened
- D the person was rubbing his or her



(c)

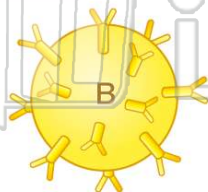


## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

The **chemicals** produced by the **B cells** are called \_\_\_\_\_.

- A antigens
- B antibodies
- C pathogens
- D phagocytes

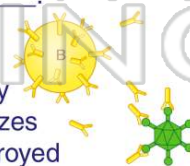


(b)

- pathogens
- D recognize one pathogen

**Antigens** and **antibodies** fit together to **attack pathogens**. When they attach to the pathogen,

- A it slows down
- B all three leave the body when the person sneezes
- C it is marked to be destroyed
- D it has more energy



(c)