

- 1 **What is the reason why some mosquito species evolved to feed on humans?**
- a Humans provide more blood than other animals.
 - b Mosquitoes are attracted to human skin color.
 - c Human settlements provided standing water for mosquito reproduction.
 - d Mosquitoes prefer the smell of human sweat.

- 2 **How do female mosquitoes track down their preferred hosts?**

- a By following carbon dioxide plumes.
- b By sensing changes in airflow.
- c By detecting dark, high-contrast objects.
- d By recognizing human skin color.

- 3 **What makes some people more attractive to mosquitoes?**

- a Drinking alcohol.
- b Being pregnant.
- c Having a certain skin microbial composition.
- d All of the above.

- 4 **What is the significance of understanding what makes people mosquito-magnets?**
- a It can help inspire solutions for more effective insect repellents.
 - b It can help efforts to get resources to those who need them most.
 - c It can help reduce the number of mosquito-borne diseases.
 - d All of the above.

- 5 **What is the role of skin acids in attracting mosquitoes to humans?**

- a They help mosquitoes navigate towards human
- b They make humans more visible to mosquitoes.
- c They create a distinctive human body odor.
- d They increase the amount of carbon dioxide humans exhale.

- 6 **What is the genetic basis for some people being mosquito magnets?**
- a Certain genes may help determine the skin's microbial composition.
 - b Identical twins have similar levels of attraction to mosquitoes.
 - c Fraternal twins have more variable levels of attraction to mosquitoes.
 - d All of the above.

- 7 **Why is it important to understand what makes people mosquito magnets?**

- a To develop more effective insect repellents.
- b To reduce the number of mosquito-borne diseases.
- c To get resources to those who need them most.
- d All of the above.