

# Chikungunya Quiz

Science Olympiad Disease Detectives

Name \_\_\_\_\_

Directions: *Select the best answer to each question.*

- \_\_\_\_\_ 1. Mosquitoes that transmit chikungunya also transmit what other viral illness?
- a. dengue fever
  - b. yellow fever
  - c. Zika virus
  - d. all of the above
- \_\_\_\_\_ 2. What is the usual incubation period of chikungunya?
- a. 2-5 days
  - b. 3-7 days
  - c. 5-9 days
  - d. 10-12 days
- \_\_\_\_\_ 3. Which of the following is one of the most common symptoms of chikungunya?
- a. headache
  - b. fever
  - c. joint swelling
  - d. rash
- \_\_\_\_\_ 4. Where is severe joint pain most often felt when resulting from chikungunya?
- a. appendicular extremities
  - b. olecranal and popliteal regions
  - c. lumbar portion of the back
  - d. both a and b
- \_\_\_\_\_ 5. Which of the following groups is not at increased risk for severe disease with this virus?
- a. adults aged 65 or older
  - b. newborns exposed during delivery
  - c. young children
  - d. none of the above
- \_\_\_\_\_ 6. The agent of chikungunya is most accurately classified as being what?
- a. pathogenic
  - b. acellular
  - c. infectious
  - d. all of the above

- \_\_\_\_\_ 7. Which of the following is not considered to be a method of reducing mosquito exposure?
- a. wearing long-sleeved shirts and pants
  - b. emptying stagnant water from indoor containers
  - c. using air conditioning
  - d. none of the above
- \_\_\_\_\_ 8. What can be used to treat a chikungunya infection?
- a. antiviral medication
  - b. vaccination
  - c. permethrin
  - d. none of the above
- \_\_\_\_\_ 9. What genus of mosquito spreads chikungunya virus?
- a. *Aedeomyia*
  - b. *Anopheles*
  - c. *Aedes*
  - d. both b and c
- \_\_\_\_\_ 10. In what year was chikungunya first found in the Americas?
- a. 1948
  - b. 1965
  - c. 1998
  - d. 2013