

## Mosquito Week Challenge Answer Key



1. What is the most common species of mosquito in North America?
  - a. Culex Pipiens
  - b. Eastern Spotted
  - c. Aedes Aegypti
  - d. Anopheles
  - e. American Tiger
2. What disease is not transmitted by mosquitoes?
  - a. Malaria
  - b. Zika virus
  - c. Dengue fever
  - d. Sleeping sickness
  - e. West Nile virus
3. What is the 2<sup>nd</sup> deadliest animal in the world?
  - a. Human being
  - b. Dog
  - c. Mosquito
  - d. Snake
  - e. Tsetse fly
4. How many people are killed by mosquitoes per year on average?
  - a. 200,000
  - b. 400,000
  - c. 600,000
  - d. 1.5 million
  - e. 2 million
5. Malaria is found in about how many countries?
  - a. 30
  - b. 50
  - c. 70
  - d. 100
  - e. 130

6. Which continent has the highest rate of malaria-related deaths?
- a. South America
  - b. Asia
  - c. Africa
  - d. Europe
  - e. Oceans

Answer notes: Malaria causes the most deaths of anywhere in the world in sub-Saharan Africa, where the climate is warm and wet, an ideal environment for mosquitos to breed and thrive.

7. What is a common symptom of Malaria?
- a. Rash
  - b. Bluish fingernails
  - c. High fever
  - d. Red eyes
  - e. blistering

8. Hank and Roy carried on a primordial struggle between man and inoffensive mosquitoes in a skit featuring what performers?

- a. Blue Man Group
- b. Not Ready for Prime Time Players
- c. Second City
- d. Monty Python
- e. Daily Show with Jon Stewart

9. What type of *organism* causes the malaria infection?
- a. Bacterium
  - b. Parasite
  - c. Fungus
  - d. Virus
  - e. Prion

Answer notes: Malaria is a mosquito-borne parasitic infection spread by the Plasmodium parasite.

10. What is the derivation of the word Malaria?

- a. Swahili for bad cloud
- b. French for evil breath
- c. Italian for bad air
- d. German for toxic feeling
- e. Spanish for bad poem

11. What percentage of those infected with West Nile Virus display symptoms?

- a. 5
- b. 20
- c. 40
- d. 60
- e. 90

12. Which is not a typical symptom of West Nile Virus?

- a. Swollen lymph nodes
- b. Bloodshot eyes
- c. High fever
- d. Rash
- e. Body Aches

13. How can one treat West Nile virus?

- a. Antibiotics
- b. Fecal transplant
- c. No treatments are available
- d. Blood transfusion
- e. Immunotherapy

14. When and where did West Nile virus originate?

- a. 1850s in Egypt
- b. 1890s in Ethiopia
- c. 1930s in central Africa
- d. 1940s in the USA
- e. 1960s in a Russian lab

15. What year did GIANTmicrobes start selling its XL size Mosquito?

- a. 2005
- b. 2011
- c. 2013
- d. 2015
- e. 2017

16. Who called mosquitoes “flying masters of mayhem”?

- a. Yogi Berra
- b. Margaret Thatcher
- c. Stephen Colbert
- d. Beyonce
- e. **Bill Gates**

17. Which band’s song from 1975 started with a line about mosquitoes?

- a. Crosby Stills & Nash
- b. Doobie Brothers
- c. Steely Dan
- d. Elton John
- e. **Grateful Dead**
- f. Jethro Tull

Bonus:

18. What was the last line of that song?

- a. I’m a tiger when I want love
- b. **But the music never stopped**
- c. Oh, china grove
- d. All on board that train
- e. Then why the hell are you so sad
- f. Fly away, high away bye bye

19. What species of mosquito causes Yellow Fever but not Zika virus or Dengue Fever?

- a. Culex Pipens
- b. Aedes Albopocitus
- c. **Haemagogus**
- d. Anopheles
- e. Aedes aegypti

20. What great American author wrote a book picturing mosquitoes on its cover?

- a. Twain
- b. Steinbeck
- c. Fitzgerald
- d. Hemingway

- e. Melville
- f. Faulkner

21. Collective annual spending on malaria research by governments, private foundations and the WHO totals about how much?

- a. \$25 million
- b. \$130 million
- c. \$240 million
- d. \$570 million
- e. \$1.5 billion

22. According to Dan Strickman, head of vector control at the Gates Foundation, "Eliminating all mosquitoes is a \_\_\_\_\_" ?

- a. Fantasy
- b. Realistic goal
- c. Enormous challenge
- d. Very costly undertaking
- e. Thousand-year project

23. Mosquitoes were an important part of a movie starring which actor?

- a. Tippi Hedren
- b. Levar Burton
- c. Harrison Ford
- d. Dustin Hoffman
- e. Meryl Streep
- f. John Wayne