

Question 1

Which of the following statements about type IV reactions is FALSE?

- A) Allergic contact dermatitis is an example.
- B) Reactions are primarily due to T cell proliferation.
- C) Reactions are not apparent for a day or more.
- D) Cytokines initiate tissue damage.
- E) Hemolytic disease of the newborn is an example.

Answer: <https://biology-forums.com/index.php?topic=472895>

Question 2

A patient complains of fever, severe muscle and joint pain, and a rash. The patient reports returning from a Caribbean vacation one week ago. Which of the following do you suspect?

- A) yellow fever
- B) Bolivian hemorrhagic fever
- C) dengue
- D) Hantavirus hemorrhagic fever
- E) typhus

Answer: <https://biology-forums.com/index.php?topic=473128>

Question 3

Biotechnology involves the

- A) use of microorganisms to make desired products.
- B) use of animal cells to make vaccines.
- C) development of disease-resistant crop plants.
- D) use of microorganisms to make desired products and the use of animal cells to make vaccines.
- E) use of microorganisms to make desired products, the use of animal cells to make vaccines, and the development of disease-resistant crop plants.

Answer: <https://biology-forums.com/index.php?topic=472284>

Question 4

Which of the following statements is FALSE?

- A) The prophage makes the host cell immune to infection by other phages.
- B) A prophage may result in new properties of the host cell.
- C) A prophage is phage DNA inserted into a bacterial chromosome.
- D) Prophage genes are repressed by a repressor protein coded for by the prophage.
- E) A prophage can "pop" out of the chromosome.

Answer: <https://biology-forums.com/index.php?topic=472487>

Question 5

Nongonococcal urethritis can be caused by all of the following EXCEPT

- A) Mycoplasma homini.
- B) streptococci.
- C) Neisseria gonorrhoeae.
- D) Candida albicans.
- E) Trichomonas vaginalis.

Answer: <https://biology-forums.com/index.php?topic=473272>

Question 6

CSF contains high levels of complement and circulating antibodies to prevent infection of the brain and spinal cord.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=473081>

Question 7

Which of the following definitions is INCORRECT?

- A) endemic: a disease that is constantly present in a population
- B) incidence: number of new cases of a disease
- C) epidemic: a disease that is endemic across the world
- D) pandemic: a disease that affects a large number of people in the world in a short time
- E) sporadic: a disease that affects a population occasionally

Answer: <https://biology-forums.com/index.php?topic=472533>

Question 8

A one-year-old boy was listless, irritable, and sleepy. Capsulated Gram-negative rods were cultured from his cerebrospinal fluid. His symptoms were caused by

- A) *Neisseria meningitidis*.
- B) rabies.
- C) *Clostridium tetani*.
- D) a prion.
- E) *Haemophilus influenzae*.

Answer: <https://biology-forums.com/index.php?topic=473075>

Question 9

Which of the following drugs does NOT act by competitive inhibition?

- A) ethambutol
- B) sulfonamide
- C) streptomycin
- D) trimethoprim
- E) isoniazid

Answer: <https://biology-forums.com/index.php?topic=472939>

Question 10

Which of the following arthropods does NOT transmit diseases by sucking blood from a human host?

- A) lice
- B) fleas
- C) kissing bugs
- D) houseflies
- E) mosquitoes

Answer: <https://biology-forums.com/index.php?topic=472442>

Question 11

The M protein enhances the virulence of *Streptococcus* by preventing phagocytosis.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=472623>

Question 12

Dental plaque is an example of

- A) gingivitis.
- B) a biofilm.
- C) dentin.
- D) tooth enamel.
- E) a pellicle.

Answer: <https://biology-forums.com/index.php?topic=473231>

Question 13

Helminthic diseases are usually transmitted to humans by

- A) aerosols.
- B) respiratory route.
- C) gastrointestinal route.
- D) vectors.
- E) genitourinary route.

Answer: <https://biology-forums.com/index.php?topic=472437>

Question 14

All of the following are characteristic of the Platyhelminthes EXCEPT that they

- A) are hermaphroditic.
- B) have highly developed digestive and nervous systems.
- C) are multicellular animals.
- D) can be divided into flukes and tapeworms.

E) are dorsoventrally flattened.

Answer: <https://biology-forums.com/index.php?topic=472438>

Question 15

Arthropod vectors are blood-sucking animals such as ticks, lice, and fleas that transmit microbial pathogens.

A) True

B) False

Answer: <https://biology-forums.com/index.php?topic=472466>

Question 16

Which of the following is NOT treated with antibiotics?

A) anthrax

B) Lyme disease

C) plague

D) tularemia

E) ebola

Answer: <https://biology-forums.com/index.php?topic=473123>

Question 17

You advise your pregnant friend to give her cat away because she could contract

A) toxoplasmosis.

B) plague.

C) Burkitt's Lymphoma

D) infectious mononucleosis.

E) listeriosis.

Answer: <https://biology-forums.com/index.php?topic=473131>

Question 18

Which of the following is NOT a typical symptom of influenza?

A) fever

B) headache

C) diarrhea

D) chills

E) muscle aches

Answer: <https://biology-forums.com/index.php?topic=473152>