**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Part 1**

**Vocabulary**

**Circle the word that has a similar meaning to the underlined word.**

1. The assumption that the video game could help the scientists discover a vaccine for the virus was wrong.

A) parameter

B) insight

C) incidence

D) hypothesis

2. Although they may not realize it, gamers have a strong awareness of how viruses work.

A) persistence

B) insight

C) reinforcement

D) simulation

3. She was able to secure a position with the National Institute of Health.

A) persist

B) monitor

C) obtain

D) contract

4. In order to play the game and contribute to the study, you need to follow the guidelines.

A) parameters

B) reinforcements

C) ethics

D) simulations

5. Online gaming should be used to advance scientific discovery. Additionally, it should be fun.

A) Likewise

B) Persistently

C) Furthermore

D) Ethically

**Circle the correct word form to complete each sentence.**

6. A vaccine for the virus was found thanks to the \_\_\_\_ of the scientists.

A) persist

B) persistence

C) persistent

D) persistently

7. The \_\_\_\_ of information is vital to understanding the virus.

A) accumulate

B) accumulating

C) accumulation

D) accumulated

8. The hypothesis was \_\_\_\_ by the research.

A) reinforce

B) reinforcement

C) reinforcing

D) reinforced

9. The scientists used \_\_\_\_ conditions to create a more life-like environment.

A) simulate

B) simulates

C) simulated

D) simulation

10. Almost one-third of people living with AIDS will \_\_\_\_ tuberculosis.

A) contract

B) contracted

C) contracts

D) contracting

**Use five of the words in the box to complete the sentences.**

contract ethics however hypothesis

incidence insights likewise monitor

obtain reinforce simulate obtain

11. A doctor must follow a code of medical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

12. The high \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of measles in schools is causing great debate about whether or not to require the vaccination of children.

13. Video games can be educational and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ an important scientific tool.

14. It’s important to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ patients who are taking any sort of medication.

15. My brother has signed a two-year \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with his new employer.

**Part 2**

**Listening**

**Listen to the interview. Circle the best answer to complete each sentence.**

16. Citizen scientists are \_\_\_\_.

A) professional scientists

B) everyday people

C) a Norwegian bishop

D) video game designers

17. Citizen science is \_\_\_\_.

A) a new idea

B) not a new idea

C) a video game

D) a type of protein

18. \_\_\_\_ discovered the structure of a protein important to the cure for AIDS.

A) Tetris

B) Linnaeus

C) Scientists

D) Gamers

19. Foldit is \_\_\_\_.

A) an enzyme

B) a computer game

C) a professional scientist

D) a citizen scientist

**Listen to the interview again. As you listen, complete the notes. Use the target words from the unit.**

Citizen science  (20.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ scientific data

17th century, Norwgn bishop  (21.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of research thru priests

(22.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gamers discovd strux of enzyme 2 help cure AIDS  new drugs

Computers can’t (23.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ spatial reasoning skills, need humans

 interest in science, (24.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  support for CSC

Citizen science  (25.) valuable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for research

**Read the sentences using idioms. Replace the underlined idiom with a phrase that best describes it. Circle the best answer.**

26. The data proved false, so they had to go back to square one.

A) stop their research

B) start over

C) work harder

D) turn around

27. I can’t make it to the talk. I think I’m coming down with something.

A) falling

B) busy doing something else

C) getting sick

D) going to another talk

28. He tried everything but the kitchen sink, but he still couldn’t figure it out.

A) to clean it

B) nothing

C) every possible way

D) to go into the kitchen

29. If you go the extra mile, you might just see some success.

A) ask for help

B) go for a run

C) forget about it

D) work a little harder

30. The gamers’ help made creating the simulation a piece of cake.

A) easy

B) delicious

C) difficult

D) exciting

**Part 3**

**Speaking**

**Write notes for a two-minute speech about citizen science. Then present your speech to the class.**

* Can you see any possible problems with citizen science? If so, what are they?
* Would you ever want to become a citizen scientist? Why or why not?
* How do you imagine scientific research will be conducted in the future?