

1. Solid CO<sub>2</sub> has an interesting ----: at normal pressures, it passes directly to the gaseous state without first melting to the liquid state.

- A) tendency
- B) evaporation
- C) conclusion
- D) property
- E) expansion

2. Physics describes the universe and ---- experiment and observation.

- A) suffers from
- B) relies on
- C) refers to
- D) leads to
- E) abides by

3. The fundamental ---- of the environment are plants, animals, minerals and water.

- A) sustainability
- B) diversity
- C) experiments
- D) components
- E) patterns

4. Men tend to be attracted by the speed of their computers. On the other hand, women are much more interested in the machine's ----.

- A) advent
- B) utility
- C) invention
- D) velocity
- E) implementation

5. Most desk-bound jobs constitute occupational ----, so corporations are spending a lot of money on medical care to keep their employees physically healthy.

- A) contributions
- B) features
- C) hazards
- D) precautions
- E) tendencies

6. Higher energy costs seem certain to have an ---- effect on the economy.

- A) aware
- B) untapped
- C) implausible
- D) adverse
- E) intolerant

7. The ---- means of reproduction and dispersal for Earth's most successful plants is seeds.

- A) severe
- B) profound
- C) notable
- D) plausible
- E) primary

8. More than two thousand earthquakes occur daily somewhere on our planet, but ---- 95 percent of them are too weak to be felt except by sensitive seismometers.

- A) chiefly
- B) approximately
- C) excessively
- D) vaguely
- E) slightly

9. Poor nations cannot ---- increased energy prices, which seriously prevent their growth.

- A) give off
- B) take on
- C) turn out
- D) make out
- E) cope with

10. Satellite television transmission now ---- us to watch events as they unfold in other countries.

- A) threatens
- B) enables
- C) urges
- D) seeks
- E) compels

11. Energy production ---- our resources and causes pollution, so scientists and engineers must work to develop energy-efficient processes.

- A) triggers
- B) exists
- C) expends
- D) overcomes
- E) implements

12. Before the 21<sup>st</sup> century comes to a halt, endless technologies will have become ---- to us.

- A) available
- B) hostile
- C) numerous
- D) remarkable
- E) futile

13. We learn from the works of many biologists in the past that, as sponges did not move from one place to another, they were ---- thought to be plants.
- A) merely  
B) widely  
C) innovatively  
D) vaguely  
E) virtually
14. The young student ---- a folding toothbrush for travelers and got a big prize.
- A) anticipated  
B) described  
C) augmented  
D) devised  
E) provided
15. A polygraph test or lie detector test is designed to analyze physiological reactions to questions to ---- whether or not a subject is being truthful.
- A) hinder  
B) determine  
C) fortify  
D) abolish  
E) cultivate
16. Neurotransmitters ---- many vital functions in the body. For example, they regulate heartbeat and tell the lungs when to breathe.
- A) carry out  
B) make up  
C) keep on  
D) find out  
E) come over
17. In order to ---- density, you need to know the mass and volume of the item.
- A) regulate  
B) calculate  
C) compress  
D) condense  
E) accumulate
18. Inhalation of plutonium and its compounds ---- the risk of lung cancer.
- A) deters  
B) compiles  
C) occurs  
D) runs  
E) augments
19. Judging by images sent back by spacecraft starting in the 1960s, and ---- from landers and mappers, Mars looks very familiar, having mountains, craters, valleys, and polar caps.
- A) significantly  
B) safely  
C) particularly  
D) scarcely  
E) innately
20. The more ---- you measure the momentum of a particle, the less correct your measurement of its position is.
- A) intricately  
B) frequently  
C) fundamentally  
D) precisely  
E) purposefully