

Part one: Vocabulary Questions:

Directions: Complete the following sentences by choosing the best answer.

1. When someone under a stressful, frightening condition, his heart beats more rapidly and his temperature rises.

- a. panics b. bites c. succeeds d. subsides

2. A mental illness is a disease that causes mild to severe..... in thought and/or behavior.

- a. demands b. determinants c. disturbances d. merits

3. Depending on the kind of infection you have, your doctor may a drug that fights bacteria or viruses to help you get better.

- a. prescribe b. disseminate c. exhibit d. preserve

4. Alcohol's slow-down effect on your brain can make you, so that you may fall asleep more easily.

- a. dynamic b. toxic c. drowsy d. steady

5. The old man was sent to a nursing home for a period of rehabilitation and....., after suffering from a stroke.

- a. impairment b. convalescence c. confinement d. prominence

6. The patient's family should not the medical team if the patient's condition is not under control.

- a. precede b. distinguish c. criticize d. manifest

7. Any educational system with fails to succeed; there should be an attempt to remove them.

- a. drawbacks b. advantages c. facilities d. opportunities

8. Although it may seem to be unlikely to completely..... all diseases on earth, we need to take highly effective measures.

- a. resume b. accommodate c. eradicate d. presume

9. Due to his severe health problems, he was recommended by physicians to.....smoking.

- a, refrain from b. resort to c. interfere with d. engage in

10. Parkinson's disease may appear as slight just in one leg or in the fingers in one hand in its early stage.

- a. convention b. concept c. remedy d. tremors

11. Health workers recommend the mouth after each meal to remove the small food pieces in it.

- a. rinsing b. pinching c. twisting d. tremors

12. The hospital floors have to be cleaned whenever they get ...

- a. curved b. soiled c. spoiled d. curbed

13. The 20th century has witnessed the..... of evidence-based medicine with great advances technology.

- a. shortage
b. adventure
c. failure
d. advent

14. His heart does not function; he may have a heart attack soon.

- a. spaciouly
b. scarcely
c. cautiously
d. properly

15. Some computer specialists believe that in near future computer technology may..... some medical procedures.

- a. ruin
- b. soak
- c. replace
- d. damage

16. In China, experts in mental health have asked the government to officially.....internet addiction as a health disorder.

- a. transfer
- b. recognize
- c. block
- d. stretch

17. Our brain can memorize better when we are interested in the..... or when already know a little about it.

- a. component
- b. structure
- c. session
- d. subject

18. The flash flood brought a to the hospital, making the patients leave the hospital immediately.

- a. delusion
- b. disaster
- c. cheerfulness
- d. contraction

19. The members of the committee were..... about the results of the study and asked for further research.

- a. skeptical
- b. convinced
- c. ensured

d. casual

20. The aim of the study was to..... the relationship between social class and learning ability.

a. exploit

b. explore

c. exaggerate

d. exacerbate

Part two: Reading Comprehension

Directions: Read the following passages carefully. Each passage is followed by some

Passage 1

Alcohol consumption may be linked to women's risk of infertility, say research findings supported by the National Institute of Child Health. In a study of nearly 6000 women, researchers from the Harvard School of Public Health looked at data from those evaluated at seven infertility clinics. After adjusting for other factors that could affect the results, such as age and cigarette smoking, researchers found a strong association between alcohol (more than the equivalent of seven cans of beer a week) and infertility due to ovulation problems. The **inability to conceive** was about 30 percent more likely to occur in women who drank moderately and about 60 percent more likely in women who drank heavily.

21. The researchers supported by the National Institute of Child

a. were victims of infertility

b. had spent a lot of money on fertility

c. stated alcohol might adversely affect women's fertility

d. took care of women who were suffering from alcohol syndrome

22. According to the passage, one can assume that women who are infertile

a. possibly drink more than seven cans of beer a week

- b. smoked a lot of cigarettes when they were very young
- c. have never referred to infertility' clinics
- d. drink neither moderately nor heavily

23. The passage tells us that.....

- a. smoking fails to be as harmful as alcohol
- b. a lot of research has been done on smoking
- c. we are unaware of the side-effects of infertility
- d. women who drink heavily have the risk of infertility

24. The researchers working on infertility concluded that there was a significant relationship between alcohol consumption

- a. cigarette smoking
- b. ovulation problems
- c. amount of beer
- d. age factors

25. The underlined phrase "the inability to conceive" refers to..... .

- a. alcohol consumption
- b. heavy drinking
- c. misconception
- d. infertility

Passage 2

The environmental movement, or the ecology movement, includes conservation and green politics. It advocates the sustainable management of resources and care of the environment through changes in public policy and individual behavior. Also, it considers human beings as a participant in, rather than the enemy of, ecosystems, and entails the

countries to consider at least three types of rights: property rights, citizens' rights, and the nature's rights; but it varies from country to country. For instance, countries in the Middle East and North Africa have different adaptations of this movement.

Countries with high incomes on the Persian Gulf rely heavily on energy resources in the area. Initial level of environmental awareness was the creation of a ministry of the environment. The year of its establishment is indicative of the level of engagement, e.g. Saudi Arabia was the first to establish environmental law in 1992 followed by Egypt in 1994, while Somalia lacks any environmental law. In 2010, the Environmental Performance Index ranked Algeria as the top Arab country at 42 out of 163; Morocco was placed at 52 and Syria at 56. The index also measures their ability to actively protect the environment and their citizens' health. This weighted index is created by giving 50% weight for environmental health and 50% for ecosystem vitality; the scale ranges from 0 to 100. No Arab countries were in the top quartile; seven countries were in the lowest quartile.

26. The writer fails to include in the environmental movement.

- a. green politics
- b. economic policy
- e. conservation policy
- d. management of resources

27. According to the text, the best ranking obtained by an Arab country in the Environmental Performance Index belongs to

- a. Saudi Arabia
- b. Algeria
- c. Morocco
- d. Syria

28. According to the text, countries may be considered engaged in the environmental protection by having created

- a. the ministry of environment
- b. the index of lowest quartile
- c. the amount of energy resources
- d. their citizens' health status

29. The underlined "it" in line 3 refers to

- a. sustainable management
- b. environmental movement
- c. individual behavior
- d. public policy

30. The Environmental Performance Index assigns weights to both ecosystem vitality and environmental health.

- a. dissimilar
- b. quartile
- c. minimal
- d. equal

Passage 3

Two different kinds of technology make up most of the telemedicine application in use today. The first is called 'store and forward', and is used for transferring digital images from one location to another when it is necessary. A digital image is taken using a digital camera (stored) and then, sent (forwarded) by computer to another location. The image may be transferred within a building, between two buildings in the same city, or from one location to another, anywhere in the world. Teleradiology, the sending of x-rays, CT scans, or MRIs (store-and-forward images) is the most common application of telemedicine in use today. There are hundreds of medical centers, clinics, and individual physicians who use some form of teleradiology. When radiologists install computer technology in their homes, they can have images sent directly to them for diagnosis, and they do not need to make an **off-hours** trip to a hospital or clinic.

31. The paragraph following this text will most probably discuss..... .

- a. teleradiography in radiologists' homes
- b. instruction of 'store-and-forward' technique

- c. improvements in image transfer technology
- d. another technology in Telemedicine

32. It is inferred from the above passage that

- a. teleradiology allows the personnel to save time in performing more tasks
- b. all medical centers, clinics and doctors use teleradiology nowadays
- c. 'store and forward' is the most form of radiology all over the world
- d. physicians have been using teleradiology for hundreds of years

33. In the passage, teleradiology is described as the of telemedicine today.

- a. most direct diagnosis
- b. computer technology
- c. clinical transformation
- d. most popular use

34. The expression "off-hours" in the last line is closest in meaning to "hours".....

- a. busy with work load
- b. away from work place
- c. on duty
- d. on call

35. The author's attitude toward telemedicine is

- a. positive
- b. critical
- c. impersonal
- d. unsupportive

Passage 4

Self-directed learning (SDL) can be described from three perspectives: (1) a personal attribute, (2) a process, and (3) a design characteristic of the learning environment. **First**, self-directed learners should possess the necessary personal characteristics at a certain level, because the degree to which learners have these SDL characteristics influences the extent of their control over their own learning. **Second**, SDL pertains to a process in which learners take control over the instructional steps, including planning, implementing, and evaluating

learning. Knowles (2006) defines SDL as a process consisting of five steps: (a) diagnosing learning goals; (b) formulating learning goals; (c) identifying human and material resources for learning; (d) choosing and implementing appropriate learning strategies; and (e) evaluating learning outcomes. **Third**, SDL is considered as a design characteristic of a learning environment which fosters the control of learners over teach (Loyens et al., 2008). A learning context can be designed to incorporate elements that influence to what extent learners control and direct their own learning process. For example, online learning environments can provide learners with a learning context involving resources, structure, tasks, feedback from instructors, and peer collaboration to facilitate or enhance SDL.

36. Self-directed learning can be addressed from three viewpoints including.....

- a. control over teaching
- b. online self-learning
- c. personal traits of individuals
- d. sufficient educational resources

37. The author's purpose for mentioning "online learning" is to explain that it.....SDL.

- a. is a required environment for
- b. can alter learners' personal traits in
- c. is a designed environment that can help
- d. can incorporate process and individual traits in

38. Loyens believes that learning environment should be designed to help learners.....

- a. manage their own learning process
- b. improve their peers' personal traits
- c. receive feedback from their peers
- d. implement learning strategic plans

39. Feedback from instructors is given as an example of..... aspects of SDL.

- a. online
- b. personal
- c. structural
- d. environmental

40. A self-directed learner should have..... him to foster his/her learning.

- a. peers to work with and help
- b. instructors to give feedbacks to
- c. environmental designers to help
- d. proper personal traits to enable

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