

سوالات کارشناسی ارشد بهداشت ۸۶-۸۵ نوبت صبح

(انگل شناسی، ایمنی شناسی، بیوشیمی بالینی، خون شناسی، زیست فناوری پزشکی، ژنتیک پزشکی، سم شناسی، سلامت سالمندی، فیزیولوژی، قارچ شناسی پزشکی، مهندسی بیمارستان، نانوتکنولوژی پزشکی، میکروب شناسی، میکروب شناسی مواد غذایی، ویروس شناسی پزشکی)

Passage 1

When Donald Olayer enrolled in nursing school nine years ago, his father took it hard. "Here's my father, a steelworker, hearing about other steelworkers' sons who were becoming welders or getting football scholarships" Mr.Olayer recalls. "The thought of his son becoming a nurse was too much."

Today, Mr. Olayer, a registered nurse trained as an anesthetist, earns about \$300,000 a year at Jameson Memorial Hospital in New Castle, Pennsylvania. His father, he says, has "done an about face". Now he tells the guys he works with that their sons, who can't find jobs even after four years of college, should have become nurses.

1. It is stated that Donald's father attitude toward male nurses

- a. is still basically negative
- b. is a sort of indifference
- c. has become more strict
- d. has completely changed

2. One of the jobs that Donald's father liked his son get was

- a. being a registered nurse
- b. working as a steelworker
- c. being an anesthetist
- d. working in a college

3. It is understood from this reading selection that some people thought

- a. nursing was a job only for females
- b. men were not able to do nursing properly
- c. nurses did not make enough money
- d. nurse were inferior to other people

4. By going to a nursing school, Donald his father.

- a. pleased
- b. disobeyed
- c. followed
- d. honored

5. Donald's father's recommendation for his coworkers' sons at that moment is

- a. get a football scholarship
- b. follow your father's work
- c. turn to business
- d. study nursing

Passage 2

Biofeedback is a safe, drug-free alternative for the treatment of migraines, tension type headaches, chronic pain, sleep disorders and more. Receiving feedback from a computer, patients are trained to adjust physical features like skin temperature, muscle tension, heart rate or blood-flow changes that can lead to decreased pain and stress. Biofeedback reduces the stress response and brings stability and calmness to the nervous system. It's very effective for migraines. Studies have shown that biofeedback can be just as effective as some of the preventive medications we use. About 85 percent to 90 percent of patients with chronic headaches respond positively to biofeedback. Biofeedback also serves as an excellent bridge in assisting patients wean off medications.

6. Unlike preventive medications, biofeedback requires the patient to in the treatment process.

- a. avoid any training
- b. remain unconscious
- c. adopt a submissive role
- d. actively involve

7. The text implies that biofeedback preventive medications.

- a. should take the place of
- b. should be used in the absence of
- c. can be an alternative to
- d. can hardly be as effective as

8. Patients with lasting headaches biofeedback.

- a. are more likely to benefit from

- b. are at a disadvantage regarding
- c. should prefer preventive medications to
- d. would seldom receive training before they use

9. Biofeedback can help patients medications.

- a. exploit the advantage of
- b. continue relying on
- c. get familiar with complications of
- d. keep away from

10. The nervous system has shown to be biofeedback.

- a. alien to
- b. compatible with
- c. identical to
- d. not-responsive to

Passage 3

Some 200,000 babies are born in the United States each year with deformed bodies, impaired minds and possibly fatal abnormalities in body chemistry, often because of defective genes or chromosomes. If a way could be found to "test" routinely the genes of prospective married couples - much as the couples now take Wassermann tests to detect syphilis - the might be reduced drastically. This is the goal of genetic counseling. And while it is still far off - testing is expensive and elaborate - genetic and clinics across the United States are already helping parents. At a symposium sponsored by the National Foundation March of Dimes in New York City, it was announced that between 1955 and 1969 the number of centers had grown from 20 to 114. Such centers help the parents of a defective child in their decision whether or not to have more children, and they advise couples with family histories of genetic diseases even before marriage.

11. Currently, testing for genes is quite

- a. ordinary
- b. impossible
- c. simplified
- d. complicated

12. Detecting syphilis is said to be

- a. as complicated and expensive as testing genes
- b. more significant and essential than testing genes

- c. less complex and cheaper than gene testing
- d. carried out less frequently than gene testing

13. The growth of counseling centers indicates

- a. decrease in the birth of abnormal children
- b. lack of interest in young couples
- c. importance of congenital problems
- d. increase in the number of married people in the USA

14. “The toll might be reduced” (line 5) in the sentence toll refers to the

- a. birth of abnormal children
- b. cost and complexity of testing
- c. sufferers of syphilis
- d. defective genes and chromosomes

15. The goal of genetic counseling is to

- a. detect syphilis in those about to marry
- b. routinize gene testing
- c. provide more services
- d. increase its branches throughout the country

Passage 4

There is little information on whether patients who already have developed cancer do or do not benefit from physical activity. In animal experiments, investigators found that among tumor-bearing rats that were allowed to feed freely, those rats allowed to exercise spontaneously experienced delayed onset of appetite loss when compared with non-exercised rats (Daneryd et al., 1990). In addition, exercised animals were found to have reduced tumor weights. In humans, exercise has a mood-elevating effect and, thus, may improve the quality of life of cancer patients. In a study of 24 women with breast cancer, investigators developed a moderate exercise program for each patient and followed women for six months (Peters et al., 1994). After five weeks, but not at six months, satisfaction with life was significantly enhanced when compared with baseline attitude. Investigators postulated that this may have been due to decreased adherence to the exercise protocol between five weeks and six months. Further, at the end of the six months, these women were found to have increased NK cell activity at rest compared with baseline NK cell activity, indicating enhancement of this aspect of the immune system.

16. The relationship between post-cancer state and exercise is

- a. vague
- b. definite
- c. mutual
- d. distant

17. Physical activity in animals with cancer caused

- a. immediate loss of appetite
- b. spontaneous onset of appetite loss
- c. later start of appetite loss
- d. intensified loss of appetite

18. According to the passage, exercise may be in human with cancer.

- a. physically exhaustive
- b. mentally debilitating
- c. significantly discouraging
- d. physiologically effective

19. Post-cancer life can be by exercise.

- a. endangered gradually
- b. enhanced in quality
- c. complicated spontaneously
- d. underestimated in essence

20. In the experiment described in the passage, it is reported that

- a. baseline attitude has changed after six months
- b. baseline attitude has changed in six months
- c. sticking to an exercise program has been conducive to improvement of life quality
- d. adhering to an exercise protocol has caused a fluctuation of NK cell activity.

Passage 5

People walk for many reasons: for pleasure, to rid themselves of tensions, to find solitude or to get from one place to another. Nearly everyone who walks regularly does so at least in part because of a conviction that it is good exercise.

Often dismissed in the past as being "too easy" to be taken seriously, walking recently has gained new respect as a means of improving physical fitness. Studies show that, when done briskly on a regular schedule, it can improve the body's ability to consume oxygen during exertion, lower the resting heart rate, reduce blood pressure, and increase the efficiency of the heart and lungs. It

also helps burn excess calories. Since obesity and high blood pressure are among the leading risk factors for heart attack and stroke, walking often protection against two of our major killers.

Walking burns approximately the same amount of calories per mile as does running, a fact particularly appealing to those who find it difficult to sustain the jarring effects of long distance jogging. Brisk walking one mile in 15 minutes burns just about the same number of calories as jogging an equal distance in 8 1/2 minutes. In weight-bearing activities like walking, heavier individuals will burn more calories than lighter persons. For example, studies show that a 110-pound person burns about half as many calories as a 216-pound person walking at the same pace for the same distance.

21. According to the passage, in the past, walking was taken

- a. lightly
- b. seriously
- c. regularly
- d. briskly

22. It is implied that

- a. jogging is a better exercise than walking
- b. brisk walking causes fewer hazards than jogging
- c. running burns more calories than walking
- d. walking gives people less pleasure than running

23. It is understood from the passage that

- a. heavier people get more injuries
- b. running is not good for heavier individuals
- c. jogging is harmful for heavier individuals
- d. heavier people benefit more from walking

24. According to the passage, heart/lung function

- a. improves from the outset by walking
- b. is geared to speed of walking
- c. is considered to be important for some
- d. depends on one's baseline fitness

25. The best title for the passage would be

- a. walking as a means of developing
- b. combating solitude by walking
- c. benefits of walking
- d. rigorous exercise and burning calorie

Vocabulary

26. Any information sent in reply to this questionnaire will be considered

- a. classic b. confidential c. personal d. pragmatic

27. The most significant and common factors academic growth result from the lack of adequate secondary school preparation in the basic skill of language.

- a. enhancing b. hindering c. confounding d. promoting

28. Give your students assignments which them to study beyond their textbooks and notes.

- a. compensate b. expel c. warn d. require

29. Fitness makes things fun and boredom.

- a. avoids b. evades c. encounters d. prevents

30. The physical examination of the patients includes the measurement of vital signs and of each body system that may be involved in the illness or injury.

- a. possession b. assessment c. medication d. enhancement

31. Seizures that occurred following the patient's abstinence was by metabolic changes.

- a. refused b. induced c. authorized d. performed

32. Separating the child from his parents could struggling or crying which might create even additional complications to already critical situations.

- a. evoke b. discourage c. contract d. replicate

33. Children should be lightly covered during transport to prevent exposure to drafts or other stimuli, which could initiate

- a. intervention b. shivering c. sweating d. vibration

34. Cocaine is derived from the coca plant and has much popularity as an additive to certain foods.

- a. delighted b. collected c. selected d. enjoyed

35. The work had been done very that is why everybody was satisfied.

- a. indifferently b. hastily c. proportionately d. thoroughly

36. Any patient involved in an automobile accident should be considered to have an abdominal injury until it is proved

a. otherwise b. likewise c. therapeutically d. clinically

37. The complication led to a general of her condition and finally to death.

a. appropriation b. abbreviation c. accumulation d. deterioration

38. Due to it's high expenses, this project is not economically

a. feasible b. susceptible c. removable d. variable

39. A local infection may and spread to become an acute or chronic clinical disease state.

a. quit b. persist c. recede d. subside

40. By applying Iranian talent and advanced nuclear technology, we can improved and move beyond a petroleum-based economy.

a. devastatingly b. dramatically c. improperly d. superficially

سوال	جواب	سوال	جواب
1	d	21	a
2	b	22	b
3	a	23	d
4	b	24	a
5	d	25	c
6	d	26	b
7	c	27	b
8	a	28	d
9	d	29	d
10	b	30	b
11	d	31	b
12	c	32	a
13	c	33	b
14	a	34	d
15	b	35	d
16	a	36	a
17	c	37	d
18	d	38	a
19	b	39	b
20	c	40	b