



سوالات آزمون عصر جمعه ۱۴۰۰-۱۳۹۹

Part One :Reading Comprehension

Passage 1

The intricate relationship between the nerves and the muscles was first shown nearly 1800 years ago by Galen ,who proved by experiments that destruction of a nerve paralyzed the muscle it supplied .He thought that the muscles were put to work by a spirit ,contained in the nervous system, which passed from the nerves into the muscles concerned .We now know that when a nerve is stimulated ,an electrical wave travels along it and causes the release of a chemical at the nerve endings .It is this chemical which stimulates muscular contraction .We also know that a normal muscle ,even when resting ,is in a state of slight tension ,a local reflex action influenced by higher centers in the brain .To allow movement to occur ,this tension must be increased in groups of muscles and diminished in others.

1- Galen showed

- a. in 1800 that the nerves were intricately detached
- b. muscle paralysis can be due to its nerve destruction
- c. the relationship between nerves and muscles is very simple
- d. that 1800 years ago the nerves were unusually separated

2- Galen believed that

- a. a spirit was put to work by the nerves in the nervous system
- b. the muscles containing the nervous system put the spirit to work
- c. a spirit in the nervous system caused the muscles to work
- d. the nerves worked with the help of a spirit at the nerve ending

3- Based on scientific information today, with nerve stimulation,

- a. an electrical wave is released in the chemicals
- b. some chemicals at the nerve ending contract the muscles
- c. a chemical at the nerve ending causes muscle production
- d. an electrical wave causes the nerve to be paralyzed in muscles

4- According to the passage, all of the following are true except

- a. in order to be able to move, muscles are stimulated by the nervous system
- b. there is now clear information on the relationship between nerves and muscles
- c. muscles experience a significant amount of tension when they are still resting
- d. normal muscles are fully free from tension in the state of relaxation

5- If we intend to have a movement,

- a. all muscles must become relaxed in the area to be moved
- b. chemicals should be diminished in nerve endings
- c. tension must be increased in some muscles and decreased in others
- d. a local reflex action is influenced and supported by muscles

Passage 2

Dissociative identity disorder) DID ,(previously called multiple personality disorder, is a psychological condition in which a person's identity dissociates or fragments ,thereby creating distinct independent identities within one individual .Each separate personality can be distinct from the other personalities in a number of ways ,including posture ,manner of moving ,tone and pitch of voice gestures ,facial expressions ,and use of language .Personalities can even differ in gender ,with a biological female exhibiting male personalities and vice versa .What is more remarkable is that the alternate personalities ,called "alters " ,may also have dissimilar physiological characteristics ,displaying different allergies ,right -or left-side dominance ,or vision ,which could mean



that one person may require multiple eyeglass prescriptions to accommodate the varying alters.

A person suffering from DID may have a large number of independent personalities or perhaps only two or three ;the average number of alters for a DID patient is around ten .These alternate personalities tend to become fixed over time ,and may negatively affect a person's life for years .At times, such people develop alters which may have a tendency to be aggressive ,either toward people in the sufferer's environment or the other alters themselves.

6- It is stated that people suffering from DID

- a. fail to exhibit the characteristics of the opposite gender
- b. are more independent than their normal counterparts
- c. fail to develop physiological characteristics
- d. possess at least two independent identities

7- Posture, moving manner, and gestures are mentioned in the text as

- a. examples of abnormalities seen in those suffering from DID
- b. instances through which DID patients display their new identities
- c. specific characteristics that represent a person's true personality
- d. common features which differentiate people from one another

8- It is stated that an allergy shaped in DID sufferers

- a. is more difficult to detect than that of a normal person
- b. can make them aggressive toward everybody nearby
- c. may depend on the new identity they develop
- d. is very likely to affect his medical condition over time

9- The alternate personalities which DID sufferers develop

- a. might be beneficial to them
- b. can affect them adversely
- c. are temporary and disappear rapidly
- d. are environmentally determined

10- The physiological characteristics which DID patients display

- a. get fixed in a short period of time
- b. make them more immune to disease
- c. may depend on their specific alter
- d. can be attributed to their early education

Passage 3

Due to the nature of a chronic disease, many women may have already tried complementary and alternative medications (CAM), perhaps feeling that modern medicine has disappointed them. A woman may be self-administering CAM when she first consults the midwife, in the mistaken belief that because they are natural they are safe. Whilst some interventions have some effectiveness, others require research before they can be recommended. In a tactful way, the midwife needs to explain that many complementary, homeopathic and herbal medicines have not been subject to research with adequate scientific rigor to ascertain if they are safe to use in pregnancy and, therefore, their continued use cannot be safely recommended. If the mother is firmly adherent to her beliefs in a product, then the midwife should seek additional advice from a pharmacist or doctor.

11- The underlined pronoun “they” in the second sentence refers to

- a. some interventions
- b. conventional medications and interventions
- c. complementary and alternative medications
- d. the mistaken beliefs

12- According to the passage, women may use complementary medications because

- a. conventional medicine might not have led to satisfactory results
- b. complementary medications have proved to yield satisfactory results
- c. they might have misunderstood the midwife’s advice
- d. the midwife might have mistakenly prescribed a medicine

13- According to the passage, a midwife may need to get advice from a pharmacist or doctor if the

- a. pharmacist or doctor has enough information
- b. mother gets seriously ill
- c. mother does not like to stop using CAM
- d. mother does not use herbal medicine



14- The text implies that the writer is more investigations and studies on complementary and alternative medications.

- a. in favor of b. opposed to c. uncertain about d. indifferent to

15- Which of the following would be a suitable title for the above passage?

- a. complementary therapy
b. conventional medicine
c. chronic diseases
d. prescribed medication

Passage 4

The public health sector has been quick to embrace the use of text messaging. The main reason for this is the ability for text messaging to reach a large segment of the population quickly at low cost. The use of text messaging in **this manner** varies from monitoring **the influenza rate in Madagascar** to helping raise awareness about sexually transmitted diseases and sexual health. One of the great successes has been the *Text 4 Baby* campaign. Expecting mothers text in their due date and receive important prenatal information and help in finding resources. The hope is that this will lead to healthier mothers and babies by making expecting mothers aware of simple interventions that can be taken during pregnancy to decrease the risks of adverse outcomes. Similarly, success has been seen in programs designed to help patients lose weight or quit smoking. In a randomized controlled trial, Free et al. evaluated the six-month abstinence rate of those trying to quit smoking with one group randomized to receive text messages and one group serving as the control. They found that the text messaging group had an abstinence rate of double the control group (%10.7 vs. %4.9). Many other studies also demonstrate efficacy in using text messaging in smoking cessation. Data demonstrating the efficacy of text messaging for weight loss is also on the rise but are less robust than with smoking cessation.

16- The above passage mainly discusses the role of text messaging in

- a. influenza prevention b. pregnant mothers' care
c. public health d. weight loss

17- According to the above passage, relevant information on smoking cessation.

- a. text messaging for weight loss is more efficacious than that for
- b. text messaging for weight loss is less strong than that for
- c. efficacy of text messaging on weight loss is equal to that of
- d. text messaging is efficacious in neither weight loss nor

18- The writer mentions “influenza rate in Madagascar” in the above passage in order to

- a. give an example of an area where text messaging is used
- b. state that text messaging is quite different in this area
- c. show high rate of influenza in Madagascar
- d. exemplify an area where text messaging is impossible

19- The underlined phrase “this manner” in the third sentence refers to

- a. easy use of text messaging
- b. monitoring the influenza rate
- c. use of text massaging in health
- d. awareness about sexual health

20- According to the passage,

- a. text messaging cannot lead to healthier mothers
- b. Text4Baby has been developed for pregnant mothers
- c. research does not support text messaging for smoking
- d. Text4Baby is developed for mothers to lose weight



Part two : Vocabulary

21- Even very simple and common methods of hygiene such as hand washing can help to control the outbreak of

- a. infection b. suspension c. suspicion d. ingestion

22- Sometimes when medical tests provide false positives, further testing may be required for

- a. persuasion b. compensation c. confirmation d. standardization

23- The psychologist was able to make clear what the patient felt despite the fact that she tried to her feelings.

- a. displace b. devise c. disturb d. disguise

24- The pressure by parasitic diseases should be taken into consideration by scientists studying the case.

- a. exerted b. removed c. alleviated d. abandoned

25- Doctors usually refer to different routs of drug for children because of their resistance to medical intervention.

- a. observation b. administration c. accumulation d. suppression

26- Microorganisms are into different classes based on their pathogenic power.

- a. transmitted b. transplanted c. categorized d. compared

27- Researchers are constantly working on the factors contributing to people's life in order to extend their lifespan.

- a. manifestation b. expectation c. adequacy d. expectancy

28- All members of the medical team agreed on the type of intervention. There was perfect among them.

- a. unanimity b. ambiguity c. utility d. diversity

29- As a health worker, you are expected to the duties and responsibilities of your job, with public information on the top.

- a. undermine b. undertake c. underestimate d. underlie

30- The caregivers found some signs of hope after a minor dose-change caused a drop in the patient's high fever.

a. reciprocal b. precautious c. proportionate d. recurrent

31- The world is becoming too small with the spread of technological, as if we were living in a small but global village.

a. abbreviations b. accomplishments c. aggravation d. alienation

32- Despite his doctor's prescription of daily intake, he kept taking aspirin on days.

a. consecutive b. regular c. alternate d. successive

33- The patient a bruise on his thigh and was taken to emergency room, but was soon treated and discharged.

a. supplied b. remained c. contained d. sustained

34- It is crucial for asthmatic patients to live in accommodations with satisfactory through which sufficient fresh air flows.

a. ventilation b. inhibition c. palpitation d. occupation

35- The doctor realized that the patient was because he was deliberately falsifying the symptoms of his illness.

a. contesting b. revenging c. mourning d. malingering

36- An attempted suicide in which the individualtries to harm himself/herself is reportedly a common reason for poisoning.

a. incidentally b. intentionally c. interchangeably d. accidentally

37- Research has indicated that 80 per cent of the loss of material from the surface of the teeth could be to factors other than toothpastes.

a. accustomed b. attached c. ascribed d. admitted

38- Mother-infant attachment should be by allowing a 'cuddle' with the baby whenever possible.

a. fostered b. hindered c. constricted d. refrained

39- Hospitalized patients who are ill or are confined to bed for a long time may have special nutritional problems.

a. eagerly b. critically c. intimately d. instantly

40- The patient's tone of speaking his willingness to stop using the drug prescribed for his disease.

a. immersed b. restored c. replenished d. implied