

# آزمون کارشناسی ارشد وزارت بهداشت سال ۱۳۸۴

فایل سوالات

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**Part One:  
Reading Comprehension**

**Directions**

Read the following passages carefully. Each one is followed by several questions about it. Choose the one best answer, (a), (b), (c), or (d), to each question. Then on your answer sheet, fill in the space that corresponds to the letter of the answer you have chosen. Base your answer to each question on the information given in the passage only.

**Passage One**

Many of us still believe that in order to be healthy we must have eight hours of sleep a night; or that if we sleep poorly over a period of time, we'll get lines in our faces, bags under our eyes, a worn look, and worst of all, be unable to perform our daily tasks efficiently.

"Untrue," says Dr. Alice Kuhn Schwartz, psychologist and co-author of Somniquest. "You may look awful to yourself, but except for the first hour or so in the morning when you probably will be puffy-eyed due to depletion of a certain hormone that's the result of lack of sleep, you'll soon look like your usual self and perform normally. If you do feel worn, the cause is stress, not lack of sleep. Also, there is no set number of hours you must sleep to maintain good health. Some people get along beautifully on four and a half hours, others sleep nine hours. Anywhere within that range is normal."

**1. According to Dr. Schwartz, those who sleep poorly .....**

- a) are unable to do their work properly
- b) look abnormal during the day
- c) can perform as usual
- d) will get lines in their faces

**2. The idea-on lack of sleep expressed in this reading selection ..... what most people believe.**

- a) contrasts with
- b) approves of
- c) corresponds with
- d) incorporates in

**3. In order to maintain good health .....**

- a) everybody should sleep about eight hours
- b) stress should primarily be overlooked
- c) people should sleep either 4 1/2 or 9 hours
- d) one should meet his own sleep need

**4. Dr. Schwartz argues that the feeling of tiredness is due to .....**

- a) lack of sleep
- b) one's psychological tensions
- c) depletion of a certain hormone
- d) the person's profession

**5. What happens to the hormone mentioned ..... lack of sleep.**

- a) is caused by
- b) results in
- c) has nothing to do with
- d) contributes to

**Passage Two**

For most people, anxiety is a temporary response to stress. It becomes an illness (only when the symptoms persist so that they dominate one's whole life. Symptoms of anxiety area feeling of fear or apprehension for no apparent reason, and outward signs of this include flushing of the face, dilation of the pupils, rapid heartbeat (palpitations), sweating and muscular "tension that may lead to pain, as in a tension headache. This mental and physical state is in fact a readiness to run away or fight for one's life, called the "fight or flight" response, and is the same in all animals. For, some people, this feeling of anxiety is prolonged, while others have frequent so – called "panic attacks" without warning, when symptoms are intense.

These "anxiety states" may be related to emotional problems or to circumstances, even though the sufferer may not realize it. Some people react more strongly to stressful situations such as exams or changing jobs than others, and are thus more susceptible to anxiety.

**6. According to the text, anxiety is .....**

- a) the basic cause of stress
- b) an illness with no symptoms
- c) mostly a short-lived strong reaction to stress
- d) a disease that dominates everyone's life

**7. Anxiety patients feel frightened .....**

- a) because of tension headaches
- b) because they sweat too much
- c) when experiencing palpitations
- d) without simplest justification

**8. "Fight or flight" response occurs when a person .....**

- a) runs too fast
- b) has to fight animals
- c) is unable to fight or escape
- d) faces a very difficult situation

**9. It is said that anxiety .....**

- a) is the sole cause of emotional difficulties
- b) occurs mostly in persons giving exams
- c) prevents individuals from getting jobs
- d) is frequently manifested in panic attacks

**10. The passage mostly discusses .....**

- a) illnesses leading to anxiety
- b) anxiety and its prevention
- c) anxiety-its etiology
- d) stressful situations

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**Passage Three**

Until recently, the study of human evolution was based entirely on the historical record of fossils and archeological findings. Understanding history by-examining the available archives is infinitely better than speculating on the basis of preconceptions, but historical records, as we have already noted, are never complete. Furthermore, to paraphrase one of the advocates of molecular genetic techniques, a fossil may or may not have left descendants, but all our molecules had ancestors. Consequently the recent use of molecular genetics to study human origins opens an exciting new window on the subject. In science, new and different perspectives^ frequently initiate the questioning of assumptions and the reinterpretation of older data, but a richer and more accurate understanding generally emerges. Study of the last several hundred thousand years of evolution of Homo sapiens is currently in such a dynamic state.

**11. As to the study of human evolution today and in the past, it is stated that .....**

- a) the former is unidimensional
- b) the latter is less exciting than the former
- c) both are not multidimensional and precise
- d) both are dynamic, exciting and reliable

**12. The writer of this paragraph mostly supports ..... in the study of human origin.**

- a) the use of historical records
- b) speculating merely on the basis of preconceptions
- c) interpreting older data and forming assumptions
- d) the application of molecular genetics

**13. One of the advocates of molecular genetics is paraphrased here to .....**

- a) illustrate the drawbacks of the historical record approach
- b) encourage researchers to stop using archeological findings
- c) highlight the importance of human evolution
- d) reject the reinterpretations of older data

**14. "Such a dynamic state" (the last line) refers to .....**

- a) rejecting the assumptions based on older data
- b) using new perspectives while investigating older data
- c) the comparison and contrast of new and old records
- d) the emergence of questions about human evolution

**15. It is understood from this paragraph that the studies of human evolution .....**

- a) should be based on historical records entirely
- b) were static in the past rather than dynamic
- c) must focus on archives while forming preconceptions
- d) have mostly improved through archeological findings

**Passage Four**

The common understanding of intelligence involves individual comprehension, reasoning, and judgment. Simple as this sounds, psychologists continue to wrestle with the concept of intelligence. Much effort has gone into measuring intelligence by tests designed to distinguish among individuals and to distribute the results on a numerical scale. This places emphasis on variation among individuals rather than on differences in the sensory input that is occurring. As a consequence, until relatively recently, study of the cognitive processes that supports intelligence has not received as much experimental attention as various measures of intelligence. Furthermore there has been little agreement the attributes that comprise intelligence.

IQ tests are a good example of a narrow conception of intelligence. They are designed to predict success in school. It is naive to suppose that the complex and "varied intellectual faculties of any individual can be properly captured by a single number. Both context and knowledge (as well as beliefs) must be important to finding intelligent solutions.

**16. According to this passage, until recently psychologists have mostly been involved in .....**

- a) measuring intelligence through different tests
- b) finding cognitive processes underlying intelligence
- c) formulating cognitive theories regarding intelligence
- d) judging about the real concept of intelligence

**17. "Simple as this sounds ...", this clause means .....**

- a) when this sounds simple
- b) although it seems to be simple
- c) this is as simple as others
- d) as long as it is simple

**18. Cognitive processes underlying intelligence have not been carefully studied since .....**

- a) psychologists wrestle with the concept of intelligence
- b) the common concept of intelligence is so naive
- c) psychologists have mostly focused on individual differences
- d) various measures of intelligence have been used successfully

**19. According to the text, the results of IQ tests are .....**

- a) too complex to be reliable
- b) consistently agreed upon
- c) as inclusive as they must be
- d) too limited to measure intelligence

**20. The text aims at understanding .....**

- a) the popularity of intelligence tests
- b) the nature of intelligence
- c) specific tests of intelligence
- d) general cognitive processes

**Passage Five**

Hypnosis is a state allied to sleep; it may be called an artificial sleep by the personal influence of the hypnotizer. Some authors refuse to regard hypnosis as allied to sleep on the ground that subjects in hypnosis are lively, walk and talk, and observe the world about them with all their senses. If one merely induces deep hypnosis and leaves the patient alone, the resemblance of hypnosis to normal sleep is very close. He then lies inert in a condition distinguishable from sleep only in one way, namely, in that he continues for some time to be responsive to the operator in a quite peculiar manner, indicated by the word rapport. But if the patient is left to himself, this peculiarity passes away gradually, and the condition becomes indistinguishable from normal sleep; the patient will then continue to sleep for some little time and waken spontaneously as from normal sleep. One essential problem of hypnosis is, then, the nature of this rapport; and this problem is one of extreme interests.

**21. Many scientists ..... links between sleep and hypnosis.**

- a) acknowledge the existence of numerous
- b) have openly refuted the existence of any
- c) have already demonstrated full
- d) seem to have just started working on

**22. Hypnosis may be comparable to sleep when the person under the strong influence of hypnosis is .....**

- a) previously informed
- b) actively responding
- c) left alone
- d) observed carefully

**23. The word "rapport" (line 8) describes the state in which the patient is .....**

- a) strangely distinguishable
- b) peculiarly responsive
- c) lively and observant
- d) in deep sleep

**24. If the patient under the influence of hypnosis is left to himself, the .....**

- a) rapport will gradually vanish
- b) patient will soon waken
- c) patient will pass away
- d) rapport will intensify

**25. The best title for this passage could be..... .**

- a) artificial sleep
- b) spontaneous sleep
- c) the induction of hypnosis
- d) the border between hypnosis and sleep

**Part Two:  
Vocabulary**

**Directions**

*The following are incomplete sentences. Below each one four words or phrases marked, (a), (b), (c), or (d). Choose the one word or phrase which best completes the sentence.*

**26. Medicare said that it intends to pay for counseling to help some of the nation's four million older smokers ..... the habit.**

- a) reinforce
- b) stabilize
- c) quit
- d) resume

**27. Health experts recommend all people to consume more vegetables and do mild exercise since these help ..... the risk of developing many diseases.**

- a) eliminate
- b) deteriorate
- c) accumulate
- d) augment

**28. In spite of substantial advances in medical technology, there are some physical and mental problems which ..... people's lives.**

- a) prolong                      b) flourish                      c) reveal                      d) threaten

**29. Due to their..... children are usually not allowed to go to places where there are any risks of infection.**

- a) inadequacy                      b) proficiency                      c) vulnerability                      d) adaptability

**30. The doctor warned the woman that her problem was ..... her work; so she was advised to change her job.**

- a) independent of                      b) attributable to                      c) distinctive of                      d) irrelevant to

**31. No family ever pays for treatment ..... by insurance, and families without insurance are always asked to pay.**

- a) agreed                      b) conferred                      c) made                      d) covered

**32. Today there is a general tendency among ..... toward interesting methods which develop the reasoning capacities.**

- a) educationists                      b) conventionalists                      c) neurosurgeons                      d) conservatives

**33. As for stimuli to work, many writers have emphasized fear of punishment and hope of .....**

- a) honour                      b) reward                      c) prize                      d) pleasure

**34. Abnormal vision and hearing can lead to ..... awareness and interaction with the environment and other people.**

- a) vanished                      b) replenished                      c) banished                      d) diminished

**35. Some genes are ..... to the development of immune cells without which the immunity system malfunctions.**

- a) crucial                      b) controversial                      c) provisional                      d) temporal

**36. The health experts committee advised the government to ..... the health program as soon as possible to remove polio.**

- a) convey                      b) postpone                      c) impede                      d) launch

**37. Most of the researcher's findings were due to his careful ..... of seemingly unrelated events.**

- a) convention                      b) innovation                      c) observation                      d) domination

**38. If there is ..... of some types of cells in the body, these will grow and reproduce rapidly until appropriate numbers of them are available.**

- a) feasibility                      b) insufficiency                      c) variability                      d) inaccessibility

**39. Once a blood clot starts to develop, it extends into surrounding blood, i.e. the clot ..... a vicious circle to promote more clotting.**

- a) initiates                      b) terminates                      c) restricts                      d) inhibits

40. Due to the ..... of the problem, all experts were amazed and could not suggest a way to put an end to it.

- a) integrity                      b) intricacy                      c) appropriacy                      d) adequacy

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

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**Passage One**

It is not hard to understand why the principle of confidentiality is important to both doctor and patient. The doctor must depend on the frankness and openness of the patient in order to make an accurate diagnosis. This often requires that the patient reveal embarrassing facts about himself. In order to alleviate anxiety about such facts being revealed, the doctor promises not to violate any confidences.

Obviously, if patients thought that doctors routinely publicized their problems, many would be extremely evasive in what they revealed to the doctor, some would even forego consulting a doctor. So, while ethical duty to the patient might play a role in the doctor's observance of the principle of confidentiality, there is a professional responsibility to diagnose and treat the patient.

**1. The paragraph views the patient's frankness as a ..... achieving proper diagnosis.**

- a) preparation in
- b) requisite for
- c) performance for
- d) barrier against

**2. The word "This" (line 3) refers to .....**

- a) revelation of the diagnosis
- b) patient's frankness and openness
- c) principle of confidentiality
- d) doctor's frankness

**3. The text recommends doctors to ..... The principle of confidentiality.**

- a) stop being worried about
- b) direct patient consultations at
- c) treat his patients regardless of
- d) remain loyal to

**4. The physician's release of confidential records .....**

- a) could seriously harm patient confidence
- b) is routinely carried out nowadays
- c) is recommended on medical grounds
- d) could hasten patient recovery

**5. Patients' evading openness and foregoing consultation are referred to as a likely .....**

- a) response to the release of their confidential records
- b) tactic to seek patients' cooperation
- c) sequence of doctor-patient consultations
- d) way of observing the principles of confidentiality

### Passage Two

The mind-body effect should not be surprising in view of the experience over the years with placebos. The term placebo is used to describe a “pill” that contains no medical ingredients but that often produces the same effect as genuine medication. Placebos provide ample proof that expectations can have an effect on body chemistry. According to a recent article on placebos in *Medical World News*, studies conducted over the past 25 years have shown that placebos satisfactorily relieved symptoms in an average of 35 percent of patients tested. These symptoms include: fever, severe postoperative pain, Is, headache, and anxiety, among other complaints. The explanation for this strange phenomenon is that the human mind can actual actual changes in body chemistry as a result of what it believes. If, for example, a person believes that a certain medication contains a substance that can accomplish a specific need, the body tends to move in that direction.

#### 6. It is implied that .....

- a) placebos are more effective than true medicine in most cases
- b) the relationship between the body and mind has not been established well
- c) placebos must be prescribed to avoid side-effects of the drugs
- d) the human physical and mental aspects are closely related

#### 7. Experiments with placebos have .....

- a) indicated the interaction between body and mind
- b) increased the expectations one can have from his body chemistry
- c) rejected the great effects of real medication on the body
- d) revealed the priority of mind over body in the treatment of diseases

#### 8. According to this reading selection, the body chemistry .....

- a) is rarely affected by one's belief in what the drug does
- b) may undergo change when one thinks it does
- c) affects people's attitude towards drugs and placebos
- d) produces necessary changes in the drug taken

#### 9. It is implied that the effect of a real drug .....

- a) is independent of people's attitudes toward it
- b) depends on how its ingredients affect the chemistry of the body
- c) may be accelerated or otherwise based on one's belief
- d) depends on the time and type of substance which is mixed

**Passage Three**

Breathing secondhand smoke can be harmful to children's health including asthma, Sudden Infant Death Syndrome (SIDS), bronchitis and pneumonia and ear infections. Children's exposure to secondhand smoke is responsible for: (1) increase in the number of asthma attacks and severity of symptoms in 200,000 to 1 million children with asthma; (2) between 150,000 and 300,000 lower respiratory tract infection (for children under 18 months of age); and, (3) respiratory tract infections resulting in 7,500 to 15,000 hospitalizations each year. The developing lungs of young children are severely affected by exposures to secondhand smoke for several reasons including that children are still developing physically, have higher breathing rates than adults, and have little control over their indoor environments. Children receiving high doses of secondhand smoke, such as those with smoking mothers, run the greatest risk of damaging health effects. These mothers are not to smoke in their home and car until they can quit, nor are they to allow family and visitors to do so.

**10. Asthmatic attack is referred to as one of the ..... of exposure to secondhand smoke.**

- a) responsibilities
- b) complications
- c) severities
- d) deficiencies

**11. In the passage, we read that ear infections in children may be .....**

- a) the result of their living habits
- b) a severe threat to the child's life
- c) due to exposure to secondhand smoke
- d) treated by exposing ear to cigarette smoke

**12. One reason that adults are less susceptible to smoke than babies with smoking mothers is their .....**

- a) higher capacity
- b) breathing rates
- c) developing lungs
- d) indoor environment

**13. Babies and toddlers are especially vulnerable to the health risks from secondhand smoke as they .....**

- a) are still being breast-fed
- b) start smoking at very young age
- c) can hardly change the environment
- d) are independent of their surroundings

**14. Smoking mothers are recommended to .....**

- a) quit their children
- b) move to another room
- c) stop smoking immediately
- d) stop smoking indoors

**15. A good title for this passage is .....**

- a) child risks
- b) smoking mothers
- c) smoking rooms
- d) child susceptibility to smoke effects

**Passage Four**

The passage of an electric current through the body may be without effect, may cause sudden death, or may cause thermal injury to organs interposed in the pathway of the current. Many variables are involved, but the most important are the resistance of the tissue<sup>^</sup> to the conductance of the electric current and the intensity of the current. The greater the resistance of tissues, the greater the heat generated. Although all tissues of the body are conductors of electricity, their resistance to flow varies inversely with their water content.

The thermal effects of the passage of the electric current depend on its intensity. High- intensity current, such as lightning coursing along the skin, produces linear arborizing bums known as lightning marks. Sometimes intense current is conducted around the victim (so-called *flashover*), blasting and disrupting the clothing but doing little injury. When lightning is transmitted internally, focal hemorrhages from raptures of small vessels may be seen in the brain. Sometimes, death is preceded by violent convulsions related to brain damage.

**16. It is inferred from the first paragraph that tissues with less water ..... Those with more water.**

- a) are more resistant than
- b) have the same resistance as
- c) are less resistant than
- d) have double resistance as

**17. The amount of heat which is produced mostly depends on the .....**

- a) resistance of the tissues
- b) lightning marks
- c) types of one's clothing
- d) arborizing bums

**18. It is inferred from paragraph one that tissues which are more resistant to conductivity .....**

- a) contain large amount of water
- b) are more prone to injury
- c) can intensify the current
- d) diminish much of the heat

**19. As to lightning coursing along the skin and flashover .....**

- a) the former is usually less damaging than the latter
- b) the latter passes rapidly along the skin
- c) both operate in the same manner
- d) none is caused by low-intensity currents

**20. According to the second paragraph, .....**

- a) death may be followed by brain damage
- b) death may follow violent convulsions
- c) violent convulsions can proceed from death
- d) brain damage can proceed from death



**Part Two:  
Vocabulary**

**Directions**

*The following are incomplete sentences. Below each one are four words or phrases marked, (a), (b), (c), or (d). Choose the one word or phrase which best completes the sentence.*

**26. Childhood is a stage in the ..... of continued remanufacture of life stuff.**

- a) trend                      b) procedure                      c) process                      d) dream

**27. Those parts of the mind which are tired can be rested and ..... by using other parts.**

- a) retarded                      b) strengthened                      c) deteriorated                      d) cured

**28. Physicians prescribed antibiotics for the patient to ..... the infection.**

- a) take in                      b) ward off                      c) call off                      d) check out

**29. Although the pain was temporarily relieved, it could not be completely .....**

- a) suppressed                      b) sustained                      c) provoked                      d) augmented

**30. Doctors demanded the ..... of the drug after several cases of dangerous side effects were reported.**

- a) administration                      b) development                      c) withdrawal                      d) prescription

**31. The old patient's broken ribs had ..... the lungs and caused the death.**

- a) sustained                      b) removed                      c) complicated                      d) perforated

**32. The professor said he would accept the job, so we asked him to ..... his acceptance in writing.**

- a) assess                      b) confirm                      c) refute                      d) ignore

**33. He made a/an ..... recovery and so he was never able to walk properly after the accident.**

- a) definite                      b) unexpected                      c) speedy                      d) partial

**34. Physical fitness means energetically performing daily tasks to the best of your ability without getting .....**

- a) oversized                      b) smashed                      c) anxious                      d) exhausted

**35. Your genetic make-up is the blueprint for your body; genes ..... lots of stuff.**

- a) determine                      b) duplicate                      c) exemplify                      d) multiply

**36. The University Faculty Senate approved ten goals of undergraduate education and authorized the ..... of a pilot program to implement these goals.**

- a) enterprise                      b) suspension                      c) establishment                      d) association

**37. Today, there are several mechanisms for health care financing available to ..... children.**

- a) disadvantaged                      b) better-off                      c) well balanced                      d) prosperous

38. After several visits to an ambulatory care facility, a list of the patient's problems was .....

- a) compiled      b) protected      c) treated      d) promoted

39. In counseling, the subject is encouraged to set specific goals and avoid anxiety ..... situations.

- a) pretending      b) provoking      c) performing      d) perceiving

40. Abrasion is a minor wound which may result from the rubbing away or ..... of an area of the skin.

- a) refraining      b) swelling      c) scraping      d) swallowing

1	b	11	c	21	d	31	d
2	b	12	b	22	a	32	b
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6	d	16	a	26	c	36	c
7	a	17	a	27	b	37	a
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9	c	19	d	29	a	39	b
10	b	20	b	30	c	40	c

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