EGÉSZSÉGÜGYI 
ALAPISMERETEK 
ANGOL NYELVEN 
BASIC PRINCIPLES 
OF HEALTHCARE

2007. május 25. 8:00

KÖZÉPSZINTŰ 
ÍRÁSBELI VIZSGA 
STANDARD-LEVEL 
WRITTEN EXAM

Az írásbeli vizsga időtartama: 180 perc
Duration of the written examination: 180 minutes

ÉRETTSÉGI VIZSGA • 2007. május 25.

OKTATÁSI ÉS KULTURÁLIS 
MINISZTÉRIUM 
MINISTRY OF EDUCATION 
AND CULTURE
Important Information

- Before answering the questions read them carefully and answer them according to the instructions.
- Write in legibly and try to use a clear-cut layout
- Aids may not be used during the examination.
- In (closed) tests selecting the wrong answer will result in the deduction of 1 point in each case.
1. Underline the statements that are true from the list below. 3 points

A The larynx is made up of cartilages.
B The larynx connects the oral cavity with the bronchia.
C During internal respiration the cells give off oxygen.
D The right lung consists of 3 lobes.
E There are two kinds of gastric juices that break down nutrients in the small intestine (pancreatic juice and succus entericus).
F There are three kinds of gastric juices that break down nutrients in the small intestine (pancreatic juice, succus entericus and bile).
G The succus entericus only contains lipase.
H The succus entericus only contains protease.

1 point for each correct answer

2. Match the following notions and statements. Write the letter corresponding to the correct statement next to the numbers. 4 points

A The originates from the right cardiac chamber.
B The originates from the left cardiac chamber.

1 lesser circulation
2 systemic circulation
3 aorta
4 pulmonary circulation

1. 2. 3. 4.

1 point for each correct answer

3. Answer the following questions. Circle the letters corresponding to the correct answers. 3 points

What causes the second (diastolic) cardiac sound?

A It is caused by the relaxation of the semilunar cardiac valves
B It is caused by the closing of the valvae mitralis.
C It is caused by the closing of the semilunar cardiac valves
D It is caused by the relaxation of the valvae mitralis.

How many vertebrae are there in the cervical section of the spinal column?

A 5
B 7
C 12
D 4
Which vitamins are fat soluble?

A Vitamin "B₆"
B Vitamin "C"
C Vitamin "B₁₂"
D Vitamin "E"

1 point for each correct answer.

4. Number (from 1 to 6) the order in which digestion occurs. Write the correct numbers on the dotted lines.

colon ..........  
duodenum ..........  
appendix ..........  
ileum ..........  
jejunum ..........  
rectum ..........  

6 points

1 point for each correct answer.

5. Match the following notions (nutrients, enzymes) to the correct statements. Write the appropriate letter next to the numbers.

A fats 1. They are composed of carbon, oxygen, hydrogen.  
B carbohydrates 2. One of their groups is water soluble.  
C enzymes 3. They consist of proteinous materials.  
D vitamins 4. Are broken down by bile.

1. 2. 3. 4.

4 points

1 point for each correct answer.

6. Underline the correct answers to the questions below. (There may be more than one correct answer.)

Which nutritional habits are appropriate for evening meals?
A A hearty dinner in the company of family.  
B A light dinner in the company of family.  
C Having dinner early in the evening, then having snacks while watching television.  
D Eating fruits or vegetables in the evening.

What are the usual symptoms of narcoma?
A punctiform pupils  
B shortness of breath  
C losing consciousness  
D diarrhoea

1 point for each correct answer.
7. Write the letter corresponding to the false statement on the dotted line. 1 point

A. Because it’s acidic, the skin provides protection against certain bacteria.
B. Teeth should only be brushed in the morning.
C. Second-hand smoking is very harmful.

1 point for the correct answer.

8. Group the following statements according to the aspects below. Write the numbers, where they belong. 10 points

How should a burn be treated?

1. Putting the patient at ease.
2. Placing the burnt skin surface under running cold water.
3. Sprinkling vulnerary powder on the wound in order to avoid infection.
4. Calling an ambulance.
5. Applying a sterile cover dressing on the wound.
6. Monitoring the patient’s pulse and respiration.
7. Removing burnt pieces of clothing.
8. Applying egg-whites on the burnt surface in order to prevent blistering.
9. Disinfect the area surrounding the wound in order to avoid infection.
10. Applying Vaseline on the wound in order to avoid infection.

True statements:

False statements:

1 point for each correct answer.

9. Match the following notions and statements. 6 points

Write the letter corresponding to the appropriate notion next to the numbers.

Typical development of infants:

A. Second quarter 1. Turns to one side.
B. Fourth quarter 2. Turns to the other side.
C. Both 3. Contemplates its hands.
D. Neither 4. Plays a „peeping” game.

5. Feels happy.

1. 2. 3. 4. 5. 6.

1 point for each correct answer.
10. Circle the letters corresponding to the statements that are true. 4 points

A While infants are breast-fed, they also need to be vaccinated.
B If somebody eats fast, he/she will be full very fast.
C Older people’s calorific intake need decreases.
D Vitamin "C" was discovered by Albert Szent-Györgyi.
E Consuming large amounts of alcohol weakens the ability of sound judgement.
F Pulmonary screenings should only be carried out on people, who work.
G Patients do not complain or have any symptoms during the introductory phase of a disease.

1 point for each correct answer.

11. Match the notions with the statements. 5 points

Write the letter of the appropriate notion next to the numbers.

Forms of feeding infants:

A Breast-feeding
B Artificial alimentation
1. Very simple and safe.
   2. The most ideal nutrient for infants until they are six months old.
   3. The infant is fed with the breast-milk of another mother.
   4. Alimentation with infant formulae.
   5. Alimentation with cow’s milk.

1. 2. 3. 4. 5.

1 point for each correct answer.

12. Answer the following questions. 3 points

Which cardiac chamber does the aorta originate from?

Which nutrient is broken down by saliva?

Where does acute vision take place?

1 point for each correct answer.

13. Specify the main parts of the body. 4 points

1 point for each correct answer.
14. Define the place of the following valves (in the heart).  

Valvae mitralis:

Semilunar valve:

1 point for each correct answer.

15. Complete the structure of the digestive system by writing the missing pieces of data into the chart.

<table>
<thead>
<tr>
<th>Segments of the digestive tract</th>
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</thead>
<tbody>
<tr>
<td><strong>Upper</strong></td>
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<td>1. oral cavity</td>
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<td>2.</td>
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<tr>
<td>3. throat</td>
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<td><strong>Middle</strong></td>
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<td>1.</td>
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<td>2. small intestine</td>
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<td>a. duodenum</td>
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<td>b.</td>
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<td>c.</td>
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<td><strong>Lower</strong></td>
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<td>1.</td>
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<td>a. appendix</td>
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<td>b.</td>
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<td>c. rectum</td>
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</tbody>
</table>

1 point for each correct answer.

16. List the secondary sex characteristics of males.

1 point for each correct answer.

17. List five rules (principles) of the nutrition of adolescents.

1 point for each correct answer.
18. Write down three factors that can be considered hazardous to health. 3 points

1 point for each correct answer.

19. List five of the symptoms of open fractures. 5 points

1 point for each correct answer.

20. Define the following notion. 2 points

Ecosystem:

2 points for the correct answer.

21. Determine the length of the phases of adulthood. 3 points

Adulthood:

The middle part of adulthood:

The beginning of aging:

1 point for each correct answer.
22. List five of the rules of bathing infants. 5 points □

1 point for each correct answer.

23. Write down three characteristics of school maturity. 3 points □

1 point for each correct answer.

24. Answer the following questions. 4 points □

Write down two definite signs of pregnancy.

Write down two signs that may arouse suspicion of pregnancy.

1 point for each correct answer.
Egészségügyi alapismeretek
angol nyelven — középszint

Név: ........................................................... osztály:......
Egészségügyi alapismeretek
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### Topics

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<thead>
<tr>
<th>Topic</th>
<th>Question number</th>
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<tbody>
<tr>
<td>Test</td>
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