EGÉSZSÉGÜGYI ALAPISMERETEK
ANGOL NYELVEN
BASIC PRINCIPLES OF
HEALTHCARE

KÖZÉPSZINTŰ ÍRÁSBELI
ÉRETTSÉGI VIZSGA
STANDARD LEVEL
BACCALAUREATE EXAMINATION

JAVÍTÁSI-ÉRTÉKELÉSI
ÚTMUTATÓ
CORRECTION-EVALUATION
GUIDE

OKTATÁSI ÉS KULTURÁLIS
MINISZTÉRIUM
MINISTRY OF EDUCATION
AND CULTURE
Guide for evaluating the performance of the examinee(s)
(for the evaluating teacher(s))

- The duration of the written examination is 180 minutes.

- In case there is a mistake answers can only be accepted, if the examinee has corrected them in unambiguous, transparent manner.

- Please mark any possible errors or mistakes in the solutions of the test in a conspicuous way.

- In order to be able to evaluate the tests in uniform manner, please use the evaluation guide at your disposal.

- The **maximum number of points** that can be awarded for each correct/error-free answer are indicated next to the exercises (either closed or open). In case the correct solution consists of several partial answers, the score that can be achieved for each item (for each correct answer) is also indicated (the sum of these provides the score for the performance of the examinee). The **value of each item is 1 point**.

- In (closed) test exercises, wrong/incorrect answers result in the deduction of 1 point in each case.

- **In case of definitions keywords** are underlined in the solution key. Maximum points may only be awarded, if the keywords can be found in full in the answer given by the examinee. The available score for partial solutions, if it is an option, may be found in the correction-evaluation guide of the relevant exercise.

- **With respect to exercises marked by a (*)** (lists in general) there may be more than one correct answer in addition to the one given in the instructions (e.g. Write /3/!). In these cases **correct solutions** that are different from the ones in the correction guide, but otherwise having the same content are also acceptable within the score limit.

- Please indicate the points scored by the examinee next to the maximum available score, and add them up on the provided performance sheet.
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 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  5
Duodenum  1
Appendix  4
ileum  3
jejunum  2
rectum  6

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 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 the 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 general 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.

B  
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.

False statements: 3., 8., 10.
1 point for each correct answer.

9. Match the following notions and statements.  
Write the letter corresponding to the appropriate notion next to the numbers.  
6 points

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 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 caloric 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

Match 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 point for each correct answer.

12. **Answer the following questions.** 3 points

Which cardiac chamber does the aorta originate from?

*From the left cardiac chamber*

Which nutrient is broken down by saliva?

*Carbohydrate*

Where does acute vision take place?

*The fovea centralis (or: the macula/yellow spot)*

1 point for each correct answer.

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

- the head
- the neck
- the trunk
- the limbs

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

Valvae mitralis:  
*Between the atria and the cardiac chambers.*

Semilunar valve:  
*At the beginning of the aorta originating from the left cardiac chamber and the pulmonary artery originating from the right cardiac chamber.*

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>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
</tr>
<tr>
<td>1. oral cavity</td>
</tr>
<tr>
<td>2. pharynx</td>
</tr>
<tr>
<td>3. throat</td>
</tr>
<tr>
<td>4. oesophagus</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

1 point for each correct answer.

16. * List the secondary sex characteristics of males.  

*Their voice becomes deeper.*  
*Hairs appear on different parts of the body.*  
*They develop a more robust skeleton and musculature.*  
*Their breasts do not protrude.*

1 point for each correct answer.

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

*An adolescent should:*  
*increase his/her protein-intake*  
*eat vegetables*  
*eat fruits*  
*reduce the intake of animal fats*  
*eat less sweets*  
*not drink Coca Cola*  
*drink milk*  
*take his/her nourishment in a diversified way*

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

– poor personal hygiene  
– a lifestyle lacking exercise  
– improper nutrition  
– deleterious factors  

1 point for each correct answer.


– pain  
– swelling  
– deformation  
– abnormal moveability  
– inability to move the limb  
– bleeding  

1 point for each correct answer!

20. Define the following notion.  

Ecosystem: The entire system of connections between living beings and the environment.  

2 points for the correct answer.

21. * Determine the length of the phases of adulthood.  

Adulthood: begins at the age of 25 and lasts until about the age of 39 (the following definition is also acceptable: begins at the age of 25 and lasts until about the age of 59).  

The middle section of adulthood: begins at the age of 39-45 and lasts until about the age of 59.  

The beginning of aging: begins at the age of 60  

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

– Be careful with the temperature of the water
– Never leave the infant alone in the bathtub
– Never let the infant stand up in the bathtub by himself
– Always keep the order of bathing
– Always take care of the safety of the infant

1 point for each correct answer.

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

Solves exercises independently.
Asks questions, when it is necessary.
Goes about his/her work in a fast and consistent way.

1 point for each correct answer.

24.* Answer the following questions. 4 points

Write down two definite signs of pregnancy.

– foetal cardiac sounds
– movements of the embryo

Write down two signs that may arouse suspicion of pregnancy.

– nausea
– sickness, vomiting

1 point for each correct answer.