Az írásbeli vizsga időtartama: 180 perc

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<th>Pótlapok száma</th>
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<td>Tisztázati</td>
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<td>Piszkozati</td>
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EMBERI ERŐFORRÁSOK
MINISZTÉRIUMA
Important Information

- Examinees may only work in the test sheet provided, rough drafts are not allowed.
- Please, put your name on the test sheet after you have received it.
- Read the questions carefully, and answer them in accordance with the instructions given.
- Please, make sure your handwriting is legible and the layout of your answers is easy to follow.
- The use of aids is not allowed.
- No points will be awarded, if you mark all possible answers when answering closed-type questions (test questions).
  If you mark more answers than indicated in the correction/evaluation guide, your score will be reduced by the number of extra answers you have given.
- In the case of open-type questions, if you correct your answer, only clear and unambiguous corrections will be accepted as your final answer.
Test questions

1. Decide whether the statements are true or false, and write the letters T (true) or F (false) in the corresponding field.

<table>
<thead>
<tr>
<th>Statements</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Sunshine has a stimulating effect on metabolism.</td>
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<td>Human skin has alkaline pH and thus chemically protects against certain</td>
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<td>fungal and bacterial infections.</td>
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<td>Silk is a natural material used for clothing.</td>
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<td>People’s nutritional habits have no effect on the type of illnesses they</td>
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<td>develop.</td>
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<td>Proper tooth brushing takes at least 3 minutes.</td>
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<td>During active immunization, antibodies are injected into the body.</td>
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<td>Over-the-counter drugs are not dangerous.</td>
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<tr>
<td>The first vaccination of a new-born is the BCG vaccination.</td>
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<tr>
<td>Breathing cures are a kind of medical treatment.</td>
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<td>In case of a femoral fracture, the patient must be placed in the recovery</td>
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<td>position.</td>
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<tr>
<td>Coffee decreases the gastric acid production of the stomach.</td>
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<td>Persons with an asthenic body type are slim and slender and have poor</td>
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<tr>
<td>muscular development.</td>
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</table>

2. Underline the statements which are true.

The sternocleidomastoid muscle (sternomastoid) runs between the sternum and the insertion of the temporal bone.

During exhalation, the diaphragm contracts.

Capillaries perform cell metabolism through diffusion.

Veins have semi lunar valves on the inside.

Lymphocytes are the largest white blood cells.

When moving from the bloodstream to the tissues, monocytes divide/differentiate into macrophages.

Platelets have no nuclei.
3. Of the following, underline those which are not components of blood plasma.  
2 points

- Albumin
- Fibrinogen
- Haemoglobin
- Globulin
- Thrombocyte

4. Pair the diseases with their mode of transmission. 4 points
Write the correct number on the dotted line.

A. AIDS, Hepatitis B
B. Influenza (flu), measles, chickenpox
C. Diarrheal diseases
D. Malaria, typhus, Lyme disease, encephalitis, meningitis

1. Food
2. Insects
3. Blood, sexual contact
4. Airborne transmission


5. Decide whether the statements are true or false, and write the letters T (true) or F (false) in the corresponding field. 8 points

<table>
<thead>
<tr>
<th>Statements</th>
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<tbody>
<tr>
<td>The deterioration of vision can be caused by diabetes.</td>
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<tr>
<td>Lack of menstruation is a definite sign of pregnancy.</td>
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<tr>
<td>The weight of mature new-borns exceeds 2500 grams.</td>
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<tr>
<td>Condoms provide protection against AIDS.</td>
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<tr>
<td>In old age, cardiac valves become thicker and the capacity of the heart decreases.</td>
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<tr>
<td>Mixed feeding means that the infant eats vegetables as well as meat.</td>
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<td>Old people blink more, because they produce fewer tears.</td>
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<tr>
<td>By the end of the fourth month, infants can steadily reach for objects.</td>
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</tbody>
</table>
6. From the list below, select the so-called natural treatments.  
Write the correct letters on the dotted line.  

A. Warm compress  
B. Dental filling  
C. Diet  
D. Cooling bath  
E. Vaccination  
F. Massage

7. Underline all true statements.  

A. The APGAR test is performed on new-borns in the fifth and fifteenth minutes after birth.  
B. In the post-placental stage, birth injuries are treated and the mother is under observation.  
C. Habituation refers to the learning of life sustenance activities that have not been learnt yet.  
D. The musculature of kindergarteners is fully developed that is why they are so active.  
E. Products containing flour can also be used as source of carbohydrates for the body.  
F. Gerontology is dedicated to the study of the ageing of the body.

8. Pair up the concepts with their corresponding statement.  

A. Night blindness  
B. Avitaminosis  
C. Hypovitaminosis  
D. Beriberi  
E. Hypocobalaminemia  
F. Rickets

1. Chronic or long-term vitamin deficiency  
2. Develops as a result of vitamin A deficiency  
3. Vitamin deficiency  
4. Develops as a result of vitamin D deficiency  
5. Develops as a result of vitamin B12 deficiency  
6. Develops as a result of vitamin B1 deficiency

9. Write the correct letter after the names of the sutures of the skull. 3 points

A. Located between the frontal bone and the parietal bone.
B. Located between the two parietal bones.
C. Located between the parietal bones and the occipital bone.

1. Coronal suture: . . . .
2. Lambdoid suture: . . . .

10. Write the correct number on the dotted line. 2 points

1. Carrots
2. Rose hips
3. Blackcurrants
4. Squash

Significant carotene content: . . . .
Significant vitamin C content: . . . .

11. Pair up the elements of the ureter wall to their location. Write the correct letter on the dotted line. 3 points

A. Smooth muscle tissue
B. Connective tissue
C. Transitional epithelial tissue (urothelium)

1. Inside: . . . . . .
2. In the middle: . . . .
3. Outside: . . . .

Short answer questions

12. Answer the following questions and write your answers on the dotted lines. 5 points

What is the function of the umbilical vein?

What is the function of natural killer cells?

Where is the sinoatrial node located?

What kind of epithelium covers the larynx from the inside?

Where is the place of high acuity vision?
13. Complete the following sentences, write the correct answers on the dotted lines. 2 points

During . . . . . . . . . . . . . contraction, muscle length remains unchanged and muscle tension increases.

During . . . . . . . . . . . . . contraction, the muscle shortens and muscle tone remains unchanged.

14. List the parts of vertebrae. 6 points

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

15. List four medications that any medicine cabinet should contain. 2 points

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

16. List the parts of the neuron. 2 points

Cell body (soma)
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
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17. Describe the stools of new-borns. 2 points

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
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irásvizsga 1211 7 / 12 2013. május 23.
18. List three breast-feeding difficulties encountered by young mothers. 3 points

19. Write the names of the appropriate parts of the mouth next to the numbers below. 5 points

20. List five rules that should be followed when bathing an infant. 5 points

21. List the movements of the small intestine. 2 points

22. List the layers of the uterine wall, from inside to outside. 3 points

Source: Dr. Tibor Donáth: Anatómia élettan.
23. Complete the following definition. 2 points

The objective of first aid is to ensure that the injured person, patient

in the appropriate condition.

24. List and characterise the types of bleeding. 3 points

1. ..............................................................

2. ..............................................................

3. ..............................................................

25. List the tasks of someone administering first aid. 5 points

1. ..............................................................

2. ..............................................................

3. ..............................................................

4. ..............................................................

5. ..............................................................

26. Name three usual symptoms of disease in infants and small children. 3 points

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Egészségügyi alapismeretek angol nyelven
középszint

Név: ........................................................... osztály:......
<table>
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Date: ........................................

Correcting teacher

javító tanár/ Correcting teacher  jegyző/Notary

Dátum/Date: .........................  Dátum/Date: ............................

Programba beírt egész pontszám/ Points entered into programme

Teszt jellegű feladatok/ Test questions

Rövid válaszokat igénylő feladatok/ Short answer questions

 pontoszáma egész számra kerekítve/ Points rounded to a whole number