EGÉSZSÉGÜGYI ALAPISMERETEK
ANGOL NYELVEN
KÖZÉPSZINTŰ ÍRÁSBELI VIZSGA
2011. május 13. 8:00

Az írásbeli vizsga időtartama: 180 perc

NÉV: ...........................................................  osztály:......

PÓTLAPOK SZÁMA
Tisztázati
Piszkozati

NEMZETI ERŐFORRÁS
MINISZTÉRIUM
Important Information

- Examinees should only work on the given test sheets. No drafts are allowed!
- Please put your name on the test sheet after it has been handed out.
- Read the questions carefully and answer them according to the instructions given.
- Please try to write legibly and in a well-organized manner!
- Use of any aids or tools is prohibited!
- When answering closed questions (multiple choice questions) do not mark all the answers because if all the possible answers are marked you will not receive any credit! If you mark more answers than indicated in the correction/evaluation guide, any additional answers will be deducted from your overall score!
- Corrections of answers given to open-ended questions are only acceptable if they are marked clearly!
Multiple Choice Questions

1. Underline the statements that are true. 3 points

   1. A healthy person lives in harmony with his/her own self.
   2. Loss of skin turgidity is a sign of dehydration.
   3. Newborns cannot see when they are born.
   4. The protein content of mother’s milk is 1.2%.
   5. Newborns receive an adequate supply of vitamin D from mother’s milk.

2. Underline the statements that are true. 3 points

   1. The sucking reflex is not present in premature infants.
   2. Physiological jaundice presents immediately after birth.
   3. After pains help the uterus return to its previous size.
   4. Self-awareness develops by the end of the first year of life.
   5. The absence of menstruation is a symptom of pregnancy.
   6. Luteotropic hormone promotes the conception of a pregnancy.

3. Put an X in the appropriate column after the statements depending on whether they are true or false. 5 points

<table>
<thead>
<tr>
<th>Statements</th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children start playing constructive games by the end of their kindergarten years.</td>
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<tr>
<td>At three years of age children develop their ability to listen to stories.</td>
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<tr>
<td>Coughing is a defense reaction.</td>
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<tr>
<td>After giving birth the abdomen needs app. 4-6 months to return to its previous size.</td>
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<tr>
<td>A fetus is considered mature, if it is born on the 35th week of pregnancy.</td>
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</tr>
</tbody>
</table>
4. Put an X in the appropriate column after the statements depending on whether they are true or false. 5 points

<table>
<thead>
<tr>
<th>Statements</th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicotine is a severe cellular toxin, which can reach and damage the fetus during pregnancy.</td>
<td></td>
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</tr>
<tr>
<td>The reflexes of newborns cannot be triggered.</td>
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<tr>
<td>The large fontanelle only remains open if the newborn was premature.</td>
<td></td>
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<tr>
<td>The stool of newborns is initially greenish black.</td>
<td></td>
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<tr>
<td>Men suffer from gastric ulcers more often.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Pair the physiological pulse values with the given age group. 2 points
Write the letters in the appropriate space.

A. ages 6-7  
B. ages 10-  
C. puberty  
D. adulthood

1. 100/minute: . . . .  
2. 90/minute: . . . .  
3. 60–80/ minute. . .  
4. 80–85/ minute: . . .

6. Put a T after the statements that are true and an F after the statements that are false. 5 points

<table>
<thead>
<tr>
<th>Statements</th>
<th>True</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Adults with normal weight need app. 100 g of protein every day.</td>
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<tr>
<td>Vitamin A is water soluble.</td>
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<tr>
<td>The skin promotes gas exchange through the pores.</td>
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<tr>
<td>Vaccines may, in rare cases, cause adverse effects.</td>
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<tr>
<td>A warm compress is generally used to treat chronic problems.</td>
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</tbody>
</table>
7. Put a T after the statements that are true and an F after the statements that are false. 4 points

<table>
<thead>
<tr>
<th>Statement</th>
<th>T/F</th>
</tr>
</thead>
<tbody>
<tr>
<td>The salmonella bacterium causes food poisoning.</td>
<td>T</td>
</tr>
<tr>
<td>Medical screenings are only performed in infancy.</td>
<td>F</td>
</tr>
<tr>
<td>A fiber-filled diet can lead to constipation.</td>
<td>T</td>
</tr>
<tr>
<td>People with oily skin do not need to care for their skin.</td>
<td>F</td>
</tr>
</tbody>
</table>

8. Separate the nutrients and elements according to the given criteria. 6 points

1. Water
2. Proteins
3. Vitamins
4. Carbohydrates
5. Fats
6. Minerals

Nutrients: .................
Essential elements: .................

9. Put the various parts of the nose where they belong. 6 points

Write the numbers in the appropriate spot.

1. Nasal root
2. Dorsum of the nose
3. Nasal septum
4. Tip of the nose
5. Concha
6. Nostrils

Parts of the external nose: .................
Parts of the nasal cavity: .................

10. Put the various parts of the aorta in order in accordance with the direction of blood flow. 3 points

Arch of the aorta: ........
Descending aorta: ........
Ascending aorta: ........
11. Put an X in the appropriate column after the statements depending on whether they are true or false. 3 points

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>As a circulatory organ the spleen also stores blood.</td>
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<tr>
<td>Mild neurological excitement intensifies urine excretion.</td>
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<tr>
<td>The vena cava inferior is connected to the left atrium.</td>
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</table>

12. Put an X in the appropriate column after the statements depending on whether they are true or false. 3 points

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<thead>
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<th>Statements</th>
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<tbody>
<tr>
<td>The right and left atria are found below the ventricles.</td>
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<td>The diaphragm distends above the thoracic cavity when inhaling.</td>
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<td>The periosteum covers bones from the outside.</td>
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</table>

13. Underline the statements that are false. 2 points

- The parotid gland is the largest salivary gland.
- Our bodies contain more arteries than veins.
- The thymus produces T lymphocytes.
- The pancreatic juice is an exocrine glandular secretion of the pancreas.
- Vitamin B is necessary for the production of prothrombin.
Short Answer Questions

14. Name the bones indicated in the picture.
   Write the name of the bone after the appropriate numbers.

   1: ........................................
   2: ........................................
   3: ........................................
   4: ........................................
   5: ........................................
   6: ........................................
   7: ........................................
   8: ........................................
   9: ........................................
  10: ........................................
  11: ........................................
  12: ........................................

Source: Dr. Tibor Donáth: "Anatómia élettan."

15. List the various parts of the Malphigian corpuscule.

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

16. List the symptoms of the effects of maternal hormones on newborns.

   - ........................................
   - ........................................

17. Name four causes responsible for sexual disorders.

   - ........................................
   - ........................................
   - ........................................
   - ........................................
18. List the reflexes of newborns.  
- ..............................................
- ..............................................
- ..............................................
- ..............................................

19. Define the self-cleaning mechanism of the vagina.  
- ..............................................
- ..............................................
- ..............................................

20. List the various parts of the vestibular system.  
- ..............................................
- ..............................................
- ..............................................

21. List at least eight long-term effects of alcoholism.  
1. ..............................................
2. ..............................................
3. ..............................................
4. ..............................................
5. ..............................................
6. ..............................................
7. ..............................................
8. ..............................................

22. List five typical household accidents.  
- ..............................................
- ..............................................
- ..............................................
- ..............................................
- ..............................................
23. Define the concepts listed below. 2 points
Write your answer on the dotted line.

- Concussion: ...........................................................................................................
- Pulse: ......................................................................................................................
- Disinfection: ...........................................................................................................
- According to the slogan of the WHO health is: .....................................................

24. List at least three leading causes of death. 3 points

1. ........................................
2. ........................................
3. ........................................

25. List the possible complications of thoracic injury. 3 points

- ........................................
- ........................................
- ........................................

26. List at least four effects of physical exercise. 4 points

- ........................................
- ........................................
- ........................................
- ........................................

27. List two circumstances that are necessary for the appropriate development of primary school-age children. 2 points

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<table>
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<th>question number</th>
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**Written examination score** 100

Date: .................................

correcting teacher

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<tr>
<th>pontszáma egész száma</th>
<th>programba beírt egész pontszám/whole number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teszt jellegű feladatok/multiple choice questions</td>
<td></td>
</tr>
<tr>
<td>Rövid válaszokat igénylő feladatok/short answer questions</td>
<td></td>
</tr>
</tbody>
</table>

javító tanár/correcting teacher  jegyző/notary

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