

LÍNGUA INGLESA

INSTRUCTION: Answer questions 51 to 56 according to text 1.

TEXT 1

Dawn of the Frankenfish

Food science: fast growing genetically modified trout and salmon could be the first transgenic animals on the table.

01 The Belgian blue is an ugly but tasty cow that has
02 40% more muscle than it should have. It is the product
03 of random mutation followed by selective breeding as,
04 indeed, are all domesticated creatures. But where an
05 old art has led, a new one may follow. By understanding
06 which genetic changes have been consolidated in the
07 Belgian blue, it may be possible to design and build
08 similar versions of other species using genetic
09 engineering as a short-cut. That is precisely what Terry
10 Bradley, a fish biologist at the University of Rhode
11 Island, is trying to do. Instead of cattle, _____ is doing
12 it in trout. _____ is one of two projects that may soon
13 put the first biotech animals on the dinner table.

The Economist Jun 10th 2010

INSTRUCTION: Answer question 51 considering the words that correctly and respectively complete the blanks in lines 11 and 12.

- | | |
|--------|------|
| 1. he | His |
| 2. his | It |
| 3. it | He |
| 4. he | It |
| 5. it | This |

51) According to the text, the words that fit in the blanks are in

- A) 1 e 2
- B) 1 e 4
- C) 2 e 3
- D) 2 e 5
- E) 3, 4 e 5

52) According to the text,

- A) the amount of fish in the oceans will increase.
- B) food in general is getting low in fat.
- C) it's proved that genetic modified food will be safer for consumption.
- D) expanding the research may bring environmental disorders.
- E) existing research may open the way for researches with other species.

53) Consider the following statements in relation to the text.

Experiments with other species are expected to succeed with the help of

- I. random breeding.
- II. genetic engineering.
- III. natural selection and overproduction of protein.

The only statement(s) which is (are) correct, according to the text, is (are):

- A) I.
- B) II.
- C) I and II.
- D) I and III.
- E) II and III.

54) The dictionary definition of the word "art", as it is used in line 05, is

- A) The special skill required by those who practice one of the fine arts.
- B) Creative work, generally the making or doing of things that have form.
- C) Products of creative work: paintings, statues.
- D) An object that was made a long time ago and is of historical importance.
- E) Modification of things by human skill, to answer the purpose intended.

55) A opção que indica possibilidade de substituição da palavra “random” (line 03), sem que o sentido do texto seja comprometido, é

- A) specific.
- B) indefinite.
- C) arbitrary.
- D) spontaneous.
- E) deliberate.

56) According to the text, the best definition for the term “short-cut” (line 09) is

- A) shortening a distance.
- B) cut something short.
- C) reducing the distance between two issues.
- D) abbreviating an issue.
- E) accomplishing something faster.

INSTRUCTION: Answer questions 57 to 60 according to text 2.

TEXT 2

01 Most thoughtful individuals would agree that there is a
02 divergence between chronological age and objective
03 levels of intellectual and technical surgical
04 performance. As one considers the proper parameters
05 of competence and who should measure them, it
06 should be emphasized that the definition of
07 professionalism is that the patient's well-being must
08 remain paramount to that of the surgeon. As with most
09 biological functions, there is a bell-shaped curve of
10 competence that embraces the physical, cognitive,
11 emotional, and psychomotor skills and the ocular
12 realms. Fortunately, objective methods to measure
13 these functions within the medical field are widely
14 available.

15 The physical parameters of strength, coordination and
16 vision peak during the third decade of surgical practice
17 and then diminish at a variable rate. As the human
18 visual system ages, the lens and cornea begin to
19 opacify and increased light is needed for proper
20 visualization.

The Orthopaedic Forum. *In*: The Journal on Bone and Joint Surgery – JBJS. Vol.92, Nr. 8. July 21, 2010.

57) This excerpt is about

- A) the perceptions individuals have about the aging of their doctors.
- B) the development and decline of the capabilities of surgeons.
- C) the importance of the five senses when performing surgeries.
- D) the skills doctors develop as they perform surgeries.
- E) the reasons why surgeries need to be conducted under good lighting.

58) According to the text,

- A) healing a patient's health problems stands above a surgeon's skills.
- B) the older the surgeon, the more efficient his performance.
- C) all surgeons become equally less efficient with time.
- D) visual capacity is not as important as other functions.
- E) it is not really possible to establish how a surgeon becomes less capable.

59) According to the last sentence in the first paragraph (lines 12 to 14), methods to keep track of surgeons' abilities/skills

- A) should be put into practice.
- B) must guide the surgeons' careers.
- C) can easily be accessed.
- D) will soon be used in hospitals.
- E) have to be clear to their patients.

60) The word “peak” (line 16) has the same syntactic function in the text as in

- A) The share index rose to a new peak of 23.7.
- B) The singer died at the peak of her career.
- C) There's no snow on the mountain peak.
- D) Prices peak just before Christmas.
- E) Peak demand for gas is around noon.

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