

## ΘΕΜΑ 1. ΚΑΤΑΝΟΗΣΗ ΓΡΑΠΤΟΥ ΛΟΓΟΥ

Read the text and decide if each statement (1-10) is True (A) False (B) or Not Mentioned (C).



Research agencies have ordered UK scientists to improve the way they use animals in experiments. The organisations have warned that too often poorly designed projects testing new medicine for strokes, cancer and other conditions have produced meaningless results and wasted animals' lives.

In some cases, researchers have undervalued the importance of the number of animals needed to test a new medicine in an effort to control the costs of their study. As a consequence, their small scale studies have lacked the power to identify biological effects in the drugs under scrutiny.

These unreliable results mean that the lives of the animals involved have been wasted, along with scientists' time and resources. In addition, the over-use of animals in experiments has led to unnecessary as well as worthless loss of their lives.

The problem of poorly designed studies has been under investigation for two years and culminated last week when the UK Research Councils announced changes to guidelines for those carrying out research using animals. Scientists will now have to show that their work will produce physiological insights as well as generate statistically valid data; otherwise they will lose their funding.

A neuroscientist of Edinburgh University pinpointed that these guidelines should be welcomed by the scientific community, although it has taken a long time to introduce them, adding that there has been an increasing awareness that the results of some animal experiments are not in fact very strong.

(233 words)

| STATEMENTS |                                                                          | A    | B     | C             |
|------------|--------------------------------------------------------------------------|------|-------|---------------|
|            |                                                                          | TRUE | FALSE | NOT MENTIONED |
| 1.         | Scientists in the UK have been ordered to carry out more studies.        |      |       |               |
| 2.         | Researchers always waste animals' lives for no good reason.              |      |       |               |
| 3.         | Research is carried out for new medicines to be developed.               |      |       |               |
| 4.         | Scientists should use their study resources with great care.             |      |       |               |
| 5.         | Scientists will lose their funding if they use animals in their studies. |      |       |               |
| 6.         | The new guidelines concern the whole scientific community.               |      |       |               |
| 7.         | Millions of scientific studies get funding every year.                   |      |       |               |
| 8.         | All research guidelines will change to save animals' lives.              |      |       |               |
| 9.         | The Research Councils spent six months designing new guidelines.         |      |       |               |
| 10.        | The aim of scientific research is to prevent future accidents.           |      |       |               |

## ΘΕΜΑ 2<sup>α</sup>. ΛΕΞΙΚΟΓΡΑΜΜΑΤΙΚΗ

Match each underlined word in the sentences below (11-20) with a word from the box that has a similar meaning (A-J). Use each word only once.

|           |             |           |               |           |            |           |            |           |         |
|-----------|-------------|-----------|---------------|-----------|------------|-----------|------------|-----------|---------|
| <b>A.</b> | experiments | <b>B.</b> | undervalue    | <b>C.</b> | agencies   | <b>D.</b> | results    | <b>E.</b> | costs   |
| <b>F.</b> | resources   | <b>G.</b> | investigation | <b>H.</b> | guidelines | <b>I.</b> | conditions | <b>J.</b> | insight |

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| <b>11.</b> | The main <u>findings</u> of the study will be published in a research article.                   |
| <b>12.</b> | She is remarkable for her deep <u>understanding</u> of other people's character.                 |
| <b>13.</b> | Various health <u>problems</u> like illnesses and injuries can affect our ability to enjoy life. |
| <b>14.</b> | The detective did not <u>underestimate</u> the suspect's strange behaviour.                      |
| <b>15.</b> | Scientist carrying out experiments on animals should follow a set of <u>instructions</u> .       |
| <b>16.</b> | Some people don't have the necessary <u>money</u> to feed themselves properly.                   |
| <b>17.</b> | There are different environmental <u>organizations</u> that try to save our planet.              |
| <b>18.</b> | Many people believe that <u>tests</u> on animals should be totally banned.                       |
| <b>19.</b> | The company decided to cut down on its annual <u>expenses</u> by 30 per cent.                    |
| <b>20.</b> | Whatever the results of his <u>research</u> might be, he will treat them with great care.        |