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 instructed UK scientists to reform the way they experiment by changing their attitude towards the number of animals used. The organisations have warned that too often poorly designed projects such as those testing new medicines for strokes, cancer and other health problems, have produced meaningless results and wasted animals' lives.

In some cases, researchers have underestimated 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 indicate the pointless use, which can at times even include overuse, of animals in experiments in addition to wasting scientists' time and resources.



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 believes that these guidelines should definitely be welcomed by the scientific community, although it has taken a long time to introduce them. He also added that there has been an increasing awareness that the results of some animal experiments are not in fact very strong. He further explained that a specific number of animals can be used in experiments but no more than necessary and no fewer. It is ethically questionable to get the numbers wrong either way.

(253 words)

	STATEMENTS	A TRUE	B FALSE	C NOT MENTIONED
1.	Scientists in the UK have stopped using animals in experiments.			
2.	Scientific studies do not always produce reliable results.			
3.	Scientists should use their resources for experiments with care.			
4.	Researchers will lose their funding if they do not produce reliable results.			
5.	Scientists have found chemicals in plants that can fight cancer.			
6.	The new guidelines should be followed by all scientists.			
7.	All studies on medicines waste animals' lives for no reason.			
8.	New research guidelines were necessary because of the high number of animals used in experiments.			
9.	The UK Research Councils have been involved in many scientific projects.			
10.	Scientists should be pleased with the new guidelines.			

LIVEWORKSHEETS

ΘΕΜΑ 2^{α}. ΛΕΞΙΚΟΓΡΑΜΜΑΤΙΚΗ

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

A.	attitude	**B.**	underestimate	**C.**	lack	**D.**	reform	**E.**	indicate
F.	generate	**G.**	insight	**H.**	meaningless	**I.**	questionable	**J.**	remain

11.	to show in order to make something clear
12.	controversial and not completely acceptable
13.	when something does not change or does not move away
14.	to change something in order to improve it
15.	a specific way of thinking or feeling about something
16.	when something is not important or significant
17.	to create or produce something
18.	to fail to understand how large or great something is
19.	a deep and accurate understanding of something
20.	the fact of not having something or not having enough of something

LIVEWORKSHEETS