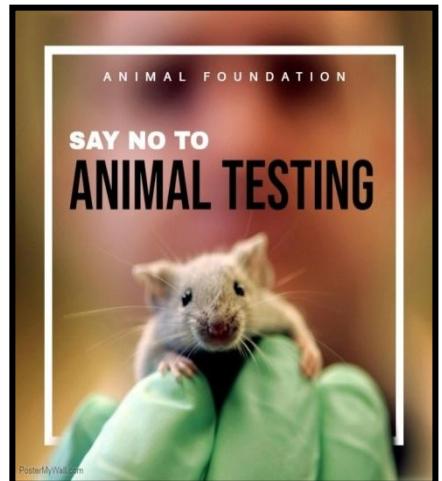


2	مدة الإنجاز	اللغة الإنجليزية	المادة
2	المعامل	شعبة الهندسة الميكانيكية بمسالكها وشعبة الهندسة الكهربائية بمسالكها وشعبة هندسة البناء والأشغال العمومية بمسالكها وشعبة الفلاحة بمسالكها	الشعبة أو المسلك

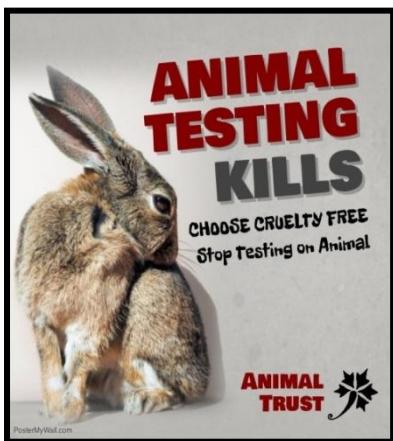
[1] Tens of millions of animals are killed every year in scientific research and testing. Their number has grown over recent years, most probably because more biomedical research is being carried out around the world. The most commonly used animals are mice, fish and rats, but many other species including monkeys, cats, dogs, horses and pigs are also used.

[2] Animals are experimented on for many reasons. These include understanding human biology, developing and testing cure for humans and obtaining fundamental knowledge in teaching. Furthermore, many companies depend on animals for testing the safety of their substances and products. Another major reason is developing veterinary treatments for other animals.



[3] Scientists insist that new remedies for serious illnesses cannot be developed unless their safety and efficacy are tested on animals. Similarly, **they** argue that understanding basic biology and creating new medicines cannot be achieved without animal research. “Consequences will be terrible if research using animals is blocked,” said Nancy Lee, senior policy adviser in London.

[4] However, we may no longer need to rely on animals to test the safety of different medications, chemicals, or cosmetics in the future. A few months ago, scientists developed the first computer system known as RASCAR which can accurately detect toxic substances. RASCAR is just one of many potential alternatives to animal testing. "I'm extremely optimistic about this and other similar tools to restrict animal



[5] Tom Regan, a philosophy professor in the USA, states: "Animals and people are alike in many ways; they both feel, think, behave, and experience pain." Thus, animals should be treated with the same respect as humans. When animals are reduced to being mere tools in a scientific experiment, their rights are taken away without any thought of their well-being. Tests often cause pain and suffering or even death.

I. COMPREHENSION

(15 POINTS)

BASE ALL YOUR ANSWERS ON THE TEXT

الصفحة: 2 على 5

..... النقطة النهائية على 20: بالأرقام والحراف
..... (على المصحح التأكيد من أن النقطة النهائية على 20)
..... اسـمـ المـصـحـحـ وـتـوـقـيـعـهـ:

الشعبية والمسالك: شعبة الهندسة الميكانيكية بمسالكها
وشعبه الهندسة الكهربائية بمسالكها وشعبه هندسة
البناء والأشغال العمومية بمسالكها وشعبه الفلاحة
بمسالكها

ورقة الإجابة

RS 194

A. ARE THESE STATISTICS

MENTS TRUE OR

ANSWER: JESSIE R. (5 pts)

1. The number of animals killed in scientific research is increasing.
.....
2. Experimenting on animals benefits other animals.
.....
3. Andrew Rowan is for the use of tools like RASCAR instead of animal testing.

B. ANSWER THESE QUESTIONS. (4 pts)

1. List two reasons why scientists test on animals.
 - a.
 - b.
2. What is one advantage of using RASCAR?
.....
3. In what way are animals similar to people according to Tom Regan?
.....

C. COMPLETE THE FOLLOWING SENTENCES. (2 pts)

1. Nancy Lee thinks that research will be affected if
.....
2. The function of RASCAR is to.....
.....

D. FIND IN THE TEXT WORDS THAT MEAN ALMOST THE SAME AS (2 pts)

1. limit (paragraph 4) :
2. instruments (paragraph 5) :

E. WHAT DO THE UNDERLINED WORDS IN THE TEXT REFER TO? (2 pts)

1. **they** (paragraph 3) :
2. **he** (paragraph 4) :

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مادة: اللغة الإنجليزية - شعبة الهندسة الميكانيكية بمسالكها وشعبة الهندسة الكهربائية بمسالكها
وشبعة هندسة البناء والأشغال العمومية بمسالكها وشبعة الفلاحة بمسالكها

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الصفحة: 3 على 5

F. CHOOSE THE RIGHT ANSWER. (2 pts)

In this text, the writer

- a. supports the use of animals in scientific research.
- b. is against the use of animals in scientific research.
- c. has no opinion about the use of animals in scientific research.

The right answer is:

II. LANGUAGE (15 POINTS)

A. FILL IN THE BLANKS WITH THE APPROPRIATE WORDS FROM THE LISTS. (3 pts)

1. The young lady. is talking on the phone used to be our neighbour.
whose - who - which
2. Rachid go to his swimming classes because of the lockdown.
couldn't - needn't - wouldn't
3. Susan is starting her new job next week. She needs someone to her son when she is at work.
find out - look after - look at

B. FILL IN THE BLANKS WITH THE APPROPRIATE WORDS FROM THE LIST. (2 pts)

reinforce - unsuccessful - include - spectacular - excessive

1. Women's active involvement in local and national projects will their status in the community.
2. Many parents are worried about their kids' use of mobiles and tablets.

C. GIVE THE CORRECT FORM OF THE WORDS IN BRACKETS. (2 pts)

1. Rabab's (perform) was great, but she didn't win the singing contest.
2. Many organisations (contribution) to the promotion of citizenship values.

D. PUT THE VERBS IN BRACKETS IN THE CORRECT TENSE. (2 pts)

1. Zineb came back to Morocco after she (graduate) from Cambridge.
2. I think most countries (overcome) the effects of Covid-19 on their economies by September.

E. REWRITE THE SENTENCES BEGINNING WITH THE WORDS GIVEN. (2 pts)

1. The World Bank financed many social projects in Africa.
Many social projects
2. "I will take that suggestion into consideration," Amine said.
Amine told me that he

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الصفحة: 4 على 5

F. CHOOSE THE MOST APPROPRIATE RESPONSE. (2 pts)

1. Rose: Would you like to come to our graduation party?

Daisy:

a. I totally agree. b. I'd love to. c. Sorry, it was my fault.

2. Salim: I think using Zoom was very helpful for us in distance learning.

Rachid:

a. I see no problem. b. Yes, with pleasure. c. Absolutely.

G. WHAT WOULD YOU SAY IN THE FOLLOWING SITUATIONS? (2 pts)

1. Your friend doesn't know what to do at the weekend.

You: (Suggest something)

2. Your classmate didn't do well in the first test of English.

You: (Give advice)

III. WRITING (10 POINTS)

TASK 1: Complete the following paragraph. (4 pts)

The worst experience I have ever had in my life is

..... It was really a terrible experience because of the following reasons. First,

..... Second,

..... Third,

Finally,

لا يكتب أي شيء
في هذا الإطار



الصفحة: 5 على 5

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TASK 2: (6 pts)

The local council is thinking of a project for young people in your area. There are 3 options:

1. a sport center 2. a swimming pool 3. an amusement park

Choose **one project** and write an email to the president of the local council about the importance of the project you have chosen.

Dear Sir or Madam,

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الصفحة: 6 على 5

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الصفحة: 7 على 5

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