

סוג הבחינה: בגרות
 מועד הבחינה: חורף נבצרים, תשפ"ב, 2022
 מספר השאלון: 016582

מדינת ישראל
משרד החינוך

אנגלית

שאלון ז'

(MODULE G)

הוראות לנבחן

- א. משך הבחינה: שעה וארבעים וחמש דקות.
- ב. מבנה השאלון ומפתח ההערכה: בשאלון זה שני פרקים.
 פרק ראשון – הבנת הנקרא – 60 נקודות
 פרק שני – משימות כתיבה – 40 נקודות
 סך הכול – 100 נקודות
- ג. חומר עזר מותר בשימוש: אחד המילונים או אחת המילוניות מן הרשימה שבאתר הפיקוח על הוראת האנגלית ובאתר של אגף הבחינות במשרד החינוך.
 נבחן "עולה חדש" רשאי להשתמש גם במילון דו-לשוני: אנגלי-שפת אימו / שפת אימו-אנגלי.
 השימוש במילון אחר טעון אישור של הפיקוח על הוראת האנגלית.
- ד. הוראות מיוחדות:
- עליך לכתוב את כל תשובותיך בגוף השאלון (במקומות המיועדים לכך).
 - כתוב את כל תשובותיך באנגלית ובעט בלבד.
 - כתוב את הנוסח הסופי של מטלת הכתיבה בעמוד 9. אם תצטרך, תוכל להשתמש גם בעמוד 10.
 - בתום הבחינה החזר את השאלון למשגיח.
- הערה: על כתיב שגוי יופחתו נקודות מהציון.

שים לב: אין להוסיף דפים למחברת הבחינה.

ההנחיות בשאלון זה מנוסחות בלשון זכר ומכוונות לנבחנות ולנבחנים כאחד.

בהצלחה!



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PART I: WRITTEN RECEPTION (60 points)
(ACCESS TO INFORMATION FROM WRITTEN TEXTS)

Read the article below and then answer questions 1–7.

THE FUTURE OF MEAT

I Over the past twenty years, many countries have seen a rapid rise in the number of vegetarians. However, during this time the demand for meat has increased even faster, and by 2050 it is expected to double. This trend is due not only to an increase in the global population but also to a rise in the standard of living throughout the world. "Greater wealth often leads people away from plant-based foods," says food journalist Jeff Manning. "That's because in much of the world, meat serves as a status symbol – proof of financial success."

II Currently, around 80 billion animals are slaughtered each year. "For anyone who cares about animal welfare, that is terrible," says Manning. "Remember that 90% of the animals are kept in so-called 'factory farms,' where they spend their entire lives inside sheds, often in very bad conditions." The farms, he adds, are also responsible for serious pollution to land and water. Unfortunately, raising animals in open fields is not an acceptable option either. Even today, there is a global shortage of suitable land, and huge forests are being destroyed to provide space for cattle. Furthermore, wherever the animals are raised, large amounts of greenhouse gases are released into the air, making climate change much worse.

III Promoting vegetarianism throughout the world might seem like the solution, but most meat eaters, says Manning, won't stop eating their favorite food. Nevertheless, he is optimistic, pointing to a new alternative known as "cultured meat." Produced entirely in the lab, cultured meat begins with a tiny piece of muscle tissue that is taken from a living animal without causing the animal any harm. This sample is carefully prepared and placed in a container with essential nutrients. It continues to grow and can eventually provide enough meat for making large numbers of sausages or burgers.

IV There is already considerable interest among investors in the possibilities offered by cultured meat. In 2021 alone, over a billion dollars was invested in companies developing lab-grown products. One of these companies, LabMeat, is working on cultured-meat sausages with the taste and texture of ordinary ones. "It currently costs 500 dollars to produce a single sausage, but that will change once we finish developing a more efficient method of producing large quantities," promises Peter Borman, who set up the company five years ago. LabMeat, he says, also aims to make its product healthier than regular meat. "By controlling the nutrients that the muscle tissue grows in, we're ensuring our sausages contain healthier fats than the meat we buy today."

لا تكتب في هذه المنطقة

לא לכתוב באזור זה



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V According to a recent international report, by 2040 around 70% of all meat on the market will consist of cultured meat products. Borman expects his own company's products to be available around that time in supermarkets throughout the world. "It's an exciting new era, and I'm looking forward to seeing the industry grow," he says. "I'm sure consumers will welcome these alternatives to regular meat – they are good for the environment, for the animals, and for our health."

QUESTIONS (60 points)

Answer questions 1–7 in English according to the article. In questions 1 and 5, circle the number of the correct answer. In the other questions, follow the instructions.

1. In paragraph I, the writer gives reasons for the increase in (-).

- i) the standard of living
- ii) the number of vegetarians
- iii) the global population
- iv) the demand for meat**

(6 points)

2. What does Manning explain in lines 4–6?

COMPLETE THE SENTENCE.

He explains why people might choose to **avoid plant based foods**.....

תשובות נוספות- ראה נספח

(7 points)

3. What is presented in paragraph II?

COMPLETE THE ANSWERS.

- (1) Problems caused by raising animals in **factory farms**.....
- (2) Problems caused by raising animals in **open fields**.....

(2x7=14 points)



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4. What do we learn from paragraph III about cultured meat?

PUT A ✓ BY THE TWO CORRECT ANSWERS.

- i) Why it is only suitable for sausages and burgers.
- ii) What meat eaters have said about it.
- iii) Which kinds of animals are used.
- ...✓... iv) Why it can be a good solution.
- v) How it is has been promoted worldwide.
- ...✓... vi) What its production involves.

(2x6=12 points)

5. What can we understand from lines 21–26 about the LabMeat company?

- i) How investors heard about it.
- ii) How its product is given the texture of real meat.
- iii)** Why it needs a new production method.
- iv) Why it chose to produce sausages.

(7 points)

6. What does Borman explain in lines 26–28?

COMPLETE THE SENTENCE.

He explains why the LabMeat company **tries to control the nutrients that the muscle tissue grows in.**

.....

(7 points)

7. Why are the alternatives to regular meat "good for the environment" (line 33)? Give ONE reason.

Base your answer on information in paragraph II.

COMPLETE THE SENTENCE.

Unlike regular meat, the alternatives are produced without causing **serious pollution to land and water.**

.....

תשובות נוספות- ראה נספח

(7 points)

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PART II: WRITTEN PRODUCTION (40 points)

(WRITTEN PRESENTATION)

Write 120–140 words in English on the following topic.

8. Should schools give more lessons on environmental issues?

Write a composition stating and explaining your opinion.

בהצלחה!

Use this page and the next (pages 7–8) for writing a rough draft.

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لا لכתוב באזור זה

למידע על פסיכומטרי
ביואל גבע ←

**הזדמנות לעתודה יש פעם בחיים.
אל תתפשר עליה.**



נספח
שאלון 16582
(MODULE G)
תשובות אפשריות נוספות

שאלה 2:

- increase the demand for meat.

שאלה 7:

- the release of greenhouse gases.

