GuyAI
מבית GOOL בגרויות

סוג הבחינה: בחינת גמר ממלכתית
מועד הבחינה: קיץ 2026 מועד א'
סמל השאלון: 99911
שם התלמיד/ה: _____

אנגלית

מכינה טכנולוגית · מכינה טכנולוגית

הוראות

א. משך הבחינה: שלוש שעות.

ב. מבנה השאלון ומפתח ההערכה: בשאלון זה ארבעה חלקים: חלק א' - הבנת הנקרא - 35 נקודות חלק ב' - הבנת הנקרא - 25 נקודות חלק ג' - אוצר מילים וכתיבת משפטים - 24 נקודות חלק ד' - הוראות - 16 נקודות

ג. חומר עזר מותר בשימוש: 1. מילון דו-לשוני (אנגלית שפת אם) רגיל או אלקטרוני. המילון יהיה ללא חומר האסור בשימוש או אפשרות לגלישה באינטרנט. חל איסור להשתמש בתרגומון מכל סוג שהוא (לדוגמא: קוויקשנרי) 2. מונחון 700 מילים של מה"ט. (ניתן גם להשתמש במונחון מהט מתורגם לשפת האם.)

ד. הוראות מיוחדות: הוראות מיוחדות: 1. יש למלא את כל הפרטים הנדרשים בדף המקדים המצורף לשאלון זה. 2. תשובות יש לכתוב רק בתוך שאלון זה ולא במחברת הבחינה, גם אם המחברת ניתנה לכם. הוראות כלליות: 1. יש לקרוא בעיון את ההוראות וההנחיות בבחינה ולוודא שהן מובנות לכם. ניתן לענות על השאלות לפי הסדר הרצוי לכם. 2. יש לכתוב את התשובות בעט כחול או שחור בלבד ובכתב יד ברור. 3. אין לסמן או להדגיש תשובות במרקר. 4. אין לתלוש דפים משאלון הבחינה.

השאלות בשאלון זה מנוסחות בלשון רבים, אף על פי כן על כל תלמידה וכל תלמיד להשיב עליהן באופן אישי.

בהצלחה!

השאלות

1. Part I – READING COMPREHENSION (A)

Read the following passage carefully and answer the questions in English. (35 points)

קראו את הקטע שלפניכם וענו על השאלות שאחריו באנגלית.

Drones for Delivery

I

Today, more and more people shop for products and food online. As a result, companies need to make sure they have quick, cheap delivery systems. However, this is not easy to do. Companies spend a lot of money on drivers' salaries and on fuel for delivery vehicles. In rural areas, difficult roads make it hard for delivery vehicles to reach their destination, and in cities, heavy traffic means that some deliveries take a long time to reach customers. In addition, delivery vehicles harm the environment because **they** get their power from polluting fuel.

II

Recently, some companies have started using small drones to make deliveries. Drones enable companies to deliver products or food to almost any destination. This is because traffic and poor roads do not slow the drones down or prevent them from reaching customers. Another advantage of drones is that because they fly autonomously, companies do not have to employ drivers. Companies also save money on fuel because drones are powered by electricity. Their electric power also makes drones more environmentally friendly than trucks and vans, which run on fuel.

III

There are other important tasks delivery drones can do. They can deliver medical supplies to remote areas that cannot be accessed by truck because of difficult roads and dangerous weather. In addition, in poor countries, many trucks do not have refrigeration, which is a problem for medicines on a very long journey. Another use of delivery drones is for rescue. Drones can find lost people in difficult places and then send pictures and a location to rescue teams.

IV

Using drones for delivery has its problems, too, especially in cities. Drones land in busy places, which may cause accidents. In addition, drones make noise, and people are unhappy about having them flying over their houses. Finally, all drones are equipped with sensors and cameras. These may be used to illegally collect private data about people or businesses. Such problems must be solved if we want delivery drones to become more common in the future.

Adapted from: strixdrones.com

Answer the following questions in English. (35 points)

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ענו על השאלות הבאות באנגלית.

A. Why is it becoming necessary to have efficient delivery systems? (paragraph I)

(3 נקודות)

B. What makes delivery systems expensive? Write 2 things: (paragraph I)

1. ____

2. ____

(4 נקודות)

C. Complete the following sentence: (paragraph I)

Because there is a lot of _____ in the city, deliveries are delayed.

(3 נקודות)

D. What does the word **they** in line 6 refer to?

(2 נקודות)

E. What is the main idea of paragraph II? Circle the correct answer:

a. Small drones are more useful than large drones for making deliveries.

b. Companies are looking for delivery methods that are not harmful to the environment.

c. Today it is important to be able to deliver products to almost any kind of destination.

d. Using drones for deliveries has benefits that regular delivery systems do not have.

(4 נקודות)

F. Mark the following statement True or False: (paragraph II) (1+3 points)

(a) Circle the correct answer:

If companies use drones for delivery, they need fewer workers. TRUE / FALSE

(b) Support your answer from the text:

(4 נקודות)

G. Check (✓) the TWO statements that are true: (paragraph III)

1. ___ It is not possible for drones to reach areas where the weather is dangerous.

2. ___ Drones do not have refrigeration, which is a problem for transporting medicines.

3. ___ It can be challenging to deliver medical supplies to some remote areas by truck.

4. ___ If rescue teams cannot locate a lost person, a drone can be useful.

(8 נקודות)

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H. Answer according to paragraph IV:

(a) Why may drones be unpleasant? (2 points)

(b) Why may drones be physically dangerous? (2 points)

(4 נקודות)

I. What enables drones to collect private data? (paragraph IV)

(3 נקודות)

2. Part II – READING COMPREHENSION (B)

Read the following passage carefully and answer in ENGLISH. (25 points)

קראו את הקטע שלפניכם וענו על השאלות שאחריו באנגלית.

Food Waste

I

Every year, 1.6 billion tons of food are wasted globally. This is 25-30% of all the food produced. In rich countries, consumers throw away 95-115 kilograms per person yearly, while for consumers in poor countries, the average is 6-11 kilograms. Retailers such as supermarkets and restaurants also throw away a lot of food. For example, in 2022, 60% of food waste was caused by consumers and 40% by retailers. Food waste harms the environment because it releases 4.85 billion metric tons of polluting greenhouse gases* yearly. For comparison, road transportation releases 6 billion metric tons of greenhouse gases yearly, and airplanes release less than 1 billion tons.

*greenhouse gases - גזי חממה מזהמים

II

The UN wants to cut global food waste by 50% by 2030. Although many experts say this goal is too challenging to achieve, we can still try to fight waste. An organization called Too Good To Go runs an application that helps customers buy leftover meals for cheap from restaurants. The application prevents 75 million meals from being wasted yearly. Another organization, called WRAP, consults big companies on how to reduce their food waste. With WRAP's help, companies save around 19,000 tons of food a year. We should all waste less food.

Adapted from: earth.org

Answer the following questions in English. (25 points)

ענו על השאלות הבאות באנגלית.

A. What percentage of food is wasted globally every year? (paragraph I)

(3 נקודות)

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B. What does **6-11** kilograms represent? Circle the correct answer. (paragraph I)

a. the amount of food wasted every year by consumers in all countries

b. the amount of food wasted yearly by each consumer living in a wealthy country

c. the amount of food wasted yearly by each consumer living in a poor country

d. the amount of food that is needed yearly to feed people who do not have enough to eat

(4 נקודות)

C. Complete the following sentence: (paragraph I)

Businesses such as restaurants and supermarkets were responsible for _____ of all the food waste in **2022**.

(3 נקודות)

D. Which ONE of the following releases the largest amount of greenhouse gases yearly? (paragraph I)

a. wasted food

b. road transportation

c. airplanes

(3 נקודות)

E. Mark the following statement True or False: (paragraph II) (**1+3** points)

(a) Circle the correct answer:

Not everyone thinks that food waste can be cut by **50%** by **2030**. TRUE / FALSE

(b) Support your answer from the text:

(4 נקודות)

F. Fill in the table about organizations that are trying to fight food waste: (paragraph II)

	Name of organization	How does the organization try to fight food waste?	What is the result?
1.	___	___	prevents **75** million meals from being thrown away yearly
2.	___	consults big companies on how to reduce their food waste	___

(8 נקודות)

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3. Part III- Vocabulary and Unscrambling Sentences

Total Points: (24 points)

Part A (18 points)

In each question match three of items 1-6 to the definitions on the right. (9 points for each question)

Write the number of the item next to its definition.

בכל שאלה התאימו שלושה פריטים 1-6 להגדרות מימין. (9 נק' לכל שאלה)

כתבו את מספר הפריט ליד ההגדרה שלו.

1.

1. achievement
2. unemployed
3. competition
4. programmer
5. society
6. ground

___ something you reach after hard work

___ the surface of the earth that we walk on

___ an activity where people try to win

(9 נקודות)

2.

1. pay attention
2. record
3. influence
4. community
5. opinion
6. weak

___ what you think or feel about something

___ a group of people who work or live together

___ to listen or look carefully

(9 נקודות)

4. Part III- Vocabulary and Unscrambling Sentences

Part B (6 points)

Put the words in the correct order and copy them onto the line below. Pay attention to capitalization and punctuation. (2 points each)

סדרו את המילים בסדר הנכון והעתיקו אותן לשורה למטה. שימו לב לאותיות גדולות ולסימני פיסוק. (2 נק' לכל אחת)

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1. soccer / they are / People / watch / exciting. / because / games

(2 נקודות)

2. an apartment / couples. / Buying / is / young / difficult for

(2 נקודות)

3. invented / A company / to help / a cheap / in China / old / robot / people

(2 נקודות)

5. Part IV – INSTRUCTIONS (16 points)

.Read the questions below and match them to the answers that follow

קראו את השאלות שמופיעות והתאימו אותן לתשובות.

Maintaining Machines

:Answers

.a. First check the power supply and any basic connections

.b. Clean it often and use it correctly

.c. Make sure it is disconnected from power and wear protective gloves and glasses

d. Cool it down by improving the airflow and making sure openings are not blocked.\ne.

.Use oil or grease to reduce friction

.f. Because that is the best way to prevent small problems from developing into big ones

.g. If you tried out several ideas for fixing the machine, but they didn't work

.h. Yes, it is. It probably means that something is wrong with the machine

1. ?How can I keep a machine in good condition

(2 נקודות)

2. ?Why is it important to check a machine frequently

(2 נקודות)

3. ?Is it a problem if a machine is making strange noises

(2 נקודות)

4. ?How can I protect myself when fixing a machine

(2 נקודות)

5. ?If a machine stops working, what is the first thing I should do

(2 נקודות)

6. ?What should I do if a machine becomes very hot

(2 נקודות)

7. ?How can I help parts move smoothly in a machine

(2 נקודות)

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8. **When should I call an expert?**

(2 נקודות)

כל מבחני מה"ט עם פתרונות מלאים: www.guyai.co.il/mahat