

- א. סוג הבחינה: בגרות לבתי ספר על-יסודיים
ב. בגרות לנבחני משנה
ג. בגרות לנבחנים אקסטרניים
מועד הבחינה: חורף תשע"ב, 2012
מספר השאלון: 407,016108

אנגלית

שאלון ז'

(MODULE G)

גרסה א'

הוראות לנבחן

- א. משך הבחינה: שעה וחצי
- ב. מבנה השאלון ומפתח ההערכה: בשאלון זה שני פרקים.
פרק ראשון – הבנת הנקרא – 60 נקודות
פרק שני – משימת כתיבה – 40 נקודות
סה"כ – 100 נקודות
- ג. חומר עזר מותר בשימוש: מילון אוקספורד אנגלי-אנגלי-עברי
או: قاموس " هاراب " الإنجليزي – الإنجليزي – عربي
(מילון הראפס אנגלי-אנגלי-ערבי)
או: معجم " لونغمان " للإجليزية الحديثة
(מילון לונגמן לאנגלית מודרנית)
- נבחן "עולה חדש" רשאי להשתמש גם במילון דו-לשוני: אנגלי-שפת-אמו / שפת-אמו-אנגלי.
השימוש במילון אחר טעון אישור הפיקוח על הוראת האנגלית.
- ד. הוראות מיוחדות:
- (1) עליך לכתוב את כל תשובותיך בגוף השאלון (במקומות המיועדים לכך).
 - (2) כתוב את כל תשובותיך באנגלית ובעט בלבד. אסור להשתמש בטיפקס.
 - (3) בתום הבחינה החזר את השאלון למשגיח.

הערה: על כתיב שגוי יופחתו נקודות מהציון.

ההנחיות בשאלון זה מנוסחות בלשון זכר ומכוונות לנבחנות ולנבחנים כאחד.

בהצלחה!

/המשך מעבר לדף/

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

Read the article below and then answer questions 1-8.

DRIVING TO WORK BY AIRPLANE

Science fiction movies have long shown us a world in which people get around in flying cars. Several companies are now working to bring that vision closer to reality by developing a revolutionary means of transportation known as a "personal air vehicle" (PAV). Basically a small aircraft, the PAV will enable people to travel by air, and then land and drive it on the road to their final destination. If all goes as planned, daily use of a "highway in the sky" may one day greatly shorten travel time and reduce road congestion.

The US company Terrafugia has been working for several years on a PAV it calls Transition. When not in flight, the Transition can fold its wings at the press of a button and be driven in the street; it even fits into a standard parking space. Like many other PAVs now being developed, it will carry two people, fly at a speed of 200-300 kilometers an hour, and only need a short runway for taking off and landing. In order to ensure that PAVs appeal to a large number of potential customers, manufacturers are making them as easy to operate as family cars. This will enable anyone with a driver's license to fly a PAV with very little training.

But before PAVs can become an alternative to cars, a number of major obstacles will have to be overcome. An obvious one is the high price of the vehicles, currently estimated at around \$200,000. Another is the massive government investment in infrastructure that their widespread use will require: thousands of small airports will have to be constructed near residential areas so that PAV owners will only need to drive short distances on the road before and after the flight. Having airports near homes also means that engineers will need to find ways to bring noise levels down. And of course, better anti-collision technology will have to be developed to ensure that PAVs can safely fill the skies in large numbers without crashing into each other.

- 25 Nevertheless, transportation experts predict there will be a large demand for the vehicles in the foreseeable future. "Manufacturers are already reporting a great deal of interest," says Michael Nielsen from Wisconsin University. "Most of it is coming from the police and ambulance services, but there have also been inquiries from companies considering the possibility of setting up 'air taxi' services. We believe that once people
- 30 grow accustomed to seeing the new vehicles in action and even experience what it feels like to travel by PAV, many of them will want one of their own." If the experts are right, it may not be very long before we take to the skies instead of the road for our daily trip to work or to the shops.

QUESTIONS (60 points)

Answer questions **1-8** in English according to the article. In questions 1, 2, 4, 6 and 7, circle the number of the correct answer. In the other questions, follow the instructions.

- 1.** What are we told about PAVs in lines 1-7?

- (i) Why they appear in science fiction movies.
- (ii) What makes them revolutionary.
- (iii) When companies will start selling them.
- (iv) How far they can travel.

(7 points)

- 2.** What do we learn from lines 8-12?

- (i) Why Terrafugia has been working on a PAV.
- (ii) Why PAVs will only carry two people.
- (iii) How the Transition is similar to other PAVs.
- (iv) Which PAVs are the most efficient.

(7 points)

- 3.** What do we learn from lines 12-15? Give ONE answer.

COMPLETE THE SENTENCE.

We learn why

(8 points)

4. Which of the following statements is true according to lines 16-24?
- (i) PAVs shouldn't be used for long distance travel.
 - (ii) PAVs will never be as safe as cars.
 - (iii) The existing infrastructure is unsuitable for PAVs.
 - (iv) The owners of PAVs will never want airports near their homes. (8 points)
5. COMPLETE THE SENTENCE, GIVING ONE ANSWER ACCORDING TO LINES 16-24.
- In order to become an alternative to cars, PAVs will have to be (8 points)
6. What does the word "Nevertheless" as used in line 25 mean?
- (i) Although the technology has been improved.
 - (ii) Although there are many problems.
 - (iii) Although PAV manufacturers are working hard.
 - (iv) Although the experts are optimistic. (7 points)
7. What does Michael Nielsen explain? (lines 25-33)
- (i) Why the police might be interested in PAVs.
 - (ii) What it might feel like to travel by PAV.
 - (iii) Why air taxi services might be expensive.
 - (iv) What could create a large demand for PAVs. (7 points)
8. According to lines 32-33, in the future people might use PAVs instead of cars for their daily trips. Give ONE problem that this could help solve.
- Base your answer on information in another paragraph.
- ANSWER: (8 points)

PART II: WRITTEN PRESENTATION (40 points)

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

9. Your school newspaper has asked readers to write about the skills and / or abilities they think it is important for a person to develop.

Choose one or two skills and / or abilities (for example, computer skills and / or the ability to get along with people), and write a passage for the newspaper explaining your choice. You may relate to your own experience and / or that of others.

בהצלחה !

Use this page and the next (nos. 5-6) for writing a rough draft.

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, text, or other markings on the page.

זכות היוצרים שמורה למדינת ישראל
אין להעתיק או לפרסם אלא ברשות משרד החינוך