

אנגלית

על פי תכנית הרפורמה ללמידה משמעותית

MODULE E

PART I: ACCESS TO INFORMATION FROM WRITTEN TEXTS (70 points)

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

WOODEN SKYSCRAPERS: HOMES FOR THE FUTURE

5 Building projects do not usually attract much public interest – especially if what is being planned is just another tall building in a city already full of skyscrapers. However, the recent announcement that a new 200-meter-high building will be built in central London caused a lot of excitement, and not just because it will be the second tallest skyscraper in the city. What really caught people's attention was the fact that instead of concrete and steel, the plans call for the use of wood.

10 Until recently, wood could only be used for the construction of houses and other small buildings. But in the last ten years, a new wooden material has been developed that is both strong and relatively cheap. This material is now being used to build large structures that are as strong as those made of steel and concrete. Moreover, it is easy to work with, which reduces construction time – and, therefore, construction costs as well.

15 Since 2015, wooden skyscrapers have been built in several cities around the world, and many more are being planned. Michael Green, the architect of the tallest wooden skyscraper in North America, claims that such buildings are an excellent way to provide large numbers of affordable homes quickly. As he points out, doing so is especially important in cities with very large populations and not enough land. In fact, the main purpose of London's wooden skyscraper is to provide up to 1,000 apartments at reasonable prices right in the center of the city.

25 It may take some time for the general public to get used to the idea of wooden skyscrapers, mainly because people are afraid that such buildings could burn down easily. According to Green, however, their fear is unjustified: the new material is fire-resistant, so that the danger is no greater than in buildings made of steel and concrete. In response to another concern, Green says that the use of wood will not lead to the destruction of the world's natural forests, since the wood comes from trees that are grown specially for construction purposes. Moreover, he believes that the wooden structures bring warmth and a touch of nature to the city. He is convinced that as more and more of them are built, people will begin to appreciate their benefits.

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אנגלית, קיץ תשע"ז, 2017

QUESTIONS (70 points)

Answer questions **1-7** in English, according to the text. In questions **2, 3** and **7**, circle the number of the correct answer. In the other questions, follow the instructions.

1. What do we learn from lines 1-7?

PUT A ✓ BY THE TWO CORRECT ANSWER.

- i) Why more skyscrapers are being planned for London.
- ii) What building projects might not attract people's interest.
- iii) How the plan for the new skyscraper was announced to the public.
- iv) How London's planned skyscraper is different from other skyscrapers.
- v) Why London's building projects often attract a lot of public interest.
- vi) Why skyscrapers are usually made of steel and concrete.

(2x7=14 points)

2. From lines 8-13 we can understand why in the past (-).

- i) it was difficult to develop new building materials
- ii) people preferred to live in wooden buildings
- iii) it was not possible to build large buildings from wood
- iv) there weren't many strong building materials

(8 points)

3. What does Michael Green explain in lines 14-21?

- i) Why there has been an increase in city populations.
- ii) Why North America has many skyscrapers.
- iii) How to build wooden structures more quickly.
- iv) How large cities can benefit from wooden skyscrapers.

(8 points)

אנגלית, קיץ תשע"ז, 2017

4. In lines 15-17 Michael Green claims that homes in wooden skyscrapers will be affordable. Give TWO facts from lines 8-13 that help explain why they will be affordable.

COMPLETE THE SENTENCES.

- (1) The building material
- (2) The building material

(2x8=16 points)

5. What is the “danger” that is referred to in line 25?

ANSWER:

(8 points)

6. What concern about wooden skyscrapers does Michael Green respond to in lines 26-28?

ANSWER:

(8 points)

7. What does Michael Green explain in lines 29-31?

- i) What makes wooden buildings hotter than other buildings.
- ii) Why wooden buildings can only be built in cities.
- iii) Why people might want to live in wooden buildings.
- iv) How wooden skyscrapers were made more popular.

(8 points)

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PART II: ACCESS TO INFORMATION FROM SPOKEN TEXTS (30 points)

Answer questions **8-13** according to the broadcast. In questions **8, 10, 12** and **13**, circle the number of the correct answer. In the other questions, follow the instructions.

(5 points for each correct answer.)

FIGHTING THE WORLD'S WATER SHORTAGE

8. In the introduction, what does the interviewer tell listeners about the water shortage problem?

- i) When it started.
- ii) Why it is getting worse.
- iii) How serious it is.
- iv) What should be done about it.

9. COMPLETE THE SENTENCE.

According to Alan's first answer, water is used mainly for

.....

10. What does Alan explain about climate change?

- i) Why it is happening.
- ii) How it affects rainfall.
- iii) Why it is so extreme.
- iv) How farmers are coping with it.

11. Give ONE reason for using the drip method to water plants.

ANSWER:

אנגלית, קיץ תשע"ז, 2017

12. What does Alan explain about the salty water found in the ground?

- i) It actually comes from the sea.
- ii) It can be used to grow plants.
- iii) It doesn't affect the taste of fruit.
- iv) It can be used as drinking water.

13. What does Alan tell listeners in his last answer?

- i) When he expects the water shortage to be solved.
- ii) How he teaches people not to waste water.
- iii) How people waste water.
- iv) Why people shouldn't waste water.

בהצלחה !