

- א. סוג הבחינה: בגרות לבתי ספר על-יסודיים  
ב. בגרות לנבחני משנה  
ג. בגרות לנבחנים אקסטרניים  
מועד הבחינה: תשע"א, מועד ב  
מספר השאלון: 403,016104

## אנגלית

### שאלון ג' (MODULE C)

### גרסה א' הוראות לנבחן

- א. משך הבחינה: שעה ורבע
- ב. מבנה השאלון ומפתח ההערכה: בשאלון זה פרק אחד: הבנת הנקרא – 100 נקודות
- ג. חומר עזר מותר בשימוש: מילון אוקספורד אנגלי-אנגלי-עברי  
**או**: قاموس " هاراب " إنجليزي – إنجليزي – عربي  
(מילון הראפס אנגלי-אנגלי-ערבי)  
**או**: معجم " لونجمان " للإنجليزية الحديثة  
(מילון לונגמן לאנגלית מודרנית)
- נבחן "עולה חדש" רשאי להשתמש גם במילון דר-לשוני: אנגלי-שפת-אמו / שפת-אמו-אנגלי.
- 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.

ההנחיות בשאלון זה מנוסחות בלשון זכר ומכוונות לנבחנות ולנבחנים כאחד.

**בהצלחה!**

**ACCESS TO INFORMATION FROM WRITTEN TEXTS (100 points)**

הבנת הנקרא (100 נקודות) **فهم المقروء (100 درجة)**  
קרא את הקטע שלפניך, וענה על השאלות 1-10. **اقرأ القطعة التي أمامك، ثم أجب عن الأسئلة 1-10.**

Read the report below and then answer questions 1-10.

**Can Animal Behavior Help Predict Earthquakes?**

by Karen Somers

Scientists all over the world are looking for ways to predict earthquakes so they can warn people of the danger and save lives. Some of them believe that animals can help predict earthquakes because animals often show unusual behavior before an earthquake happens.

5 The earliest story about strange animal behavior before earthquakes is from ancient times. According to this story, many animals left a city in ancient Greece several days before a huge earthquake destroyed the city. Since then, historians have reported similar stories about pets running away and dogs barking endlessly. There are even stories about snakes waking up from their winter sleep a short time before severe  
10 earthquakes.

A more recent event was reported by scientists who were studying frogs in a pond in Italy, in 2009. They reported that all the frogs suddenly disappeared a short time before a serious earthquake hit the area. According to the scientists, the frogs felt the danger when they sensed small movements in the ground. The frogs came back a few  
15 days after the earthquake.

In China, where there are many earthquakes, changes in animal behavior have been used in an attempt to predict earthquakes. For years, the Chinese government has asked people to report signs of unusual animal behavior. On February 4, 1975, the government warned the citizens of Haicheng of a coming earthquake. It told them  
20 to leave their city mainly because people had reported strange animal behavior. The next day, a severe earthquake hit the city. The government's actions prevented a large number of people from being killed or injured.

(שים לב: המשך הקטע בעמוד הבא.)

(انتبه: تكلمة القطعة في الصفحة التالية.)

Most scientists, however, do not support the idea that animal behavior is a reliable way to predict earthquakes because animals behave strangely for many reasons. 25 They say that the Chinese government has attempted to predict earthquakes using this method many times, but most of the time it failed. In fact, it succeeded in predicting only the earthquake in 1975.

Although there are some scientists who do believe animals may feel the signs of a coming earthquake, they also claim that they can't rely on animal behavior to help 30 them. One of these scientists, Dr. Ruth Gibson, says, "I believe that some animals behave strangely because they detect early movements of the ground. However, they sense the danger only a short time before people do, which doesn't leave scientists enough time to warn people."

(Adapted from "Can Animals Sense Earthquakes?" nationalgeographic.com/news, November 11, 2003)

ענה באנגלית על השאלות 10-1, על פי	أجب بالإنجليزية عن الأسئلة 10-1، حسب
הקטע שקראת. בשאלות 1, 2, 3, 5 ו- 8	القطعة التي قرأتها. في الأسئلة 1 و 2 و 3 و 5
הקף במעגל את המספר של התשובה הנכונה.	و 8 ضع دائرة حول رقم الإجابة الصحيحة.
בשאר השאלות, ענה לפי ההוראות.	في باقي الأسئلة، أجب حسب التعليمات.
(100 נקודות)	(100 درجة)

Answer questions 1-10 in English according to the report. In questions 1, 2, 3, 5 and 8, circle the number of the correct answer. In the other questions, follow the instructions.

1. What information is given in lines 1-4?

- i) How many times animals helped scientists predict earthquakes.
- ii) How many people were saved by earthquake warnings.
- iii) What to do when you get an earthquake warning.
- iv) Why scientists think animals can help predict earthquakes.

(9 points)

2. What do we learn from lines 5-10?

- i) Why people in ancient Greece had pets.
- ii) What historians wrote about animal behavior.
- iii) How people behaved during earthquakes.
- iv) How often there were earthquakes in ancient Greece.

(9 points)

3. Dogs and snakes are mentioned in lines 5-10 as animals that (-).

- i) left a city during an earthquake
- ii) scientists study very often
- iii) behaved strangely before an earthquake
- iv) lived in many cities in ancient Greece

(9 points)

4. How did the frogs feel that the pond wasn't safe? (lines 11-15)

ANSWER: .....  
(9 points)

5. The scientists that are mentioned in lines 11-15 explained (-).

- i) what caused the earthquake
- ii) why the frogs left the pond
- iii) where the frogs disappeared to
- iv) why they were studying frogs

(9 points)

6. PUT A ✓ BY THE TWO CORRECT ANSWERS.

What do we learn about the Chinese government from lines 16-22?

- ..... i) What information it wanted to get from people.
- ..... ii) How it helped animals during earthquakes.
- ..... iii) What it did to help people injured in earthquakes.
- ..... iv) How it built the city again after the earthquake.
- ..... v) How it used the reports it got from people.
- ..... vi) How it took care of animals that behaved strangely.

(2×9=18 points)

7. The warning mentioned in lines 19-20 was helpful. Copy the words in lines 16-22 that show this.

ANSWER: .....  
.....

(9 points)

8. According to lines 23-27, most scientists believe that (-).
- i) animal behavior may help predict earthquakes
  - ii) most animals can feel the signs of a coming earthquake
  - iii) many things can cause unusual animal behavior
  - iv) people should pay more attention to animal behavior

(9 points)

9. According to scientists, what were the results of the Chinese government's attempts to predict earthquakes using animal behavior? (lines 23-27)

ANSWER: .....  
(9 points)

10. According to Dr. Gibson, why can't scientists rely on unusual animal behavior to warn people of earthquakes? (lines 28-33)

ANSWER: .....  
.....  
(10 points)

## **בהצלחה!**

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