

Part I: Reading Comprehension (30 pts)**Read the following passage carefully and then answer questions 1-11.****NOTE: A phrase was removed from the text at the gap in line 14.****Twister!****I**

The strong swirling winds of the tornado make it the most powerful kind of windstorm known to man. A tornado can throw trucks through buildings, snap (يشطر) telephone poles in half and even lift entire houses (بيوت كاملة) into the air. Weather scientists believe that the winds of the most powerful “twisters”, as tornadoes are called, spin (يدور) at around 480 kilometers per hour- faster than any other winds on earth.

II

A group of American scientists called “storm chasers”, is working to understand tornadoes better. They do this by chasing thunderstorms, because those produce tornadoes. The scientists’ goal is to get close to the “action” hoping to learn more about tornadoes. Originally (في الأساس), the storm chasers had planned to drive a tank through a tornado, but they soon dropped that idea when they realized that a massive tornado could probably lift a tank (دبابة) into the air. Instead, the scientists study weather maps and satellite photographs, and when they spot a weather system that might produce a tornado, they take off after it in a truck full of special equipment (معدات). They drive towards the southeastern edge, which is where tornadoes usually show up, and look for a wide cloud hanging down from the sky called a “wall cloud”. This is the kind of cloud that usually produces large tornadoes.

III

..... a tornado appears. If it goes in their direction, things could get dangerous. So they jump out of the truck quickly and unload a large container (حاوية) of instruments, which they leave directly in the path (مسار) of the tornado. This package is called TOTO. TOTO is named after the dog in the classic film “*The Wizard Of Oz*”. That Toto was swept away to the Land of Oz by Kansas twister. After putting it in place, the storm chasers look for a safe spot and hope that TOTO will do its job and gather (يجمع) information about wind speeds, temperatures and air pressures inside a tornado.

V

One of the reasons for investigating tornadoes is that accurate (دقيق) prediction of tornadoes could save lives. Early warning will give people enough time to take shelter (مأوى) and avoid injury, or even death. Recently, Doppler Radar (Like the radar used by the police), is used to predict tornadoes. In the past, people living in “tornado country” were warned only when somebody had actually *seen* a twister, which gave them only two minutes to find shelter. Today, when a twister is detected, a special “tornado warning” message goes out to all local radio and TV stations, warning people to take shelter immediately.

Answer the following questions and PAY SPECIAL ATTENTION TO GRAMMAR AND SPELLING!

1. How strong is the tornado, according to paragraph I?. [4 pt]

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2. Which of the following phrases gives the reason for calling the tornado “TWISTER”?[2 pts]

- a. “A tornado can throw trucks through buildings.”
- b. “lift entire houses into the air.”
- c. “spin at around 480 kilometers per hour.”
- d. “faster than any other winds on earth.”

3. What is the relationship between thunderstorms and tornadoes (parag. II) ?[2 pts]

ANSWER: Tornadoes are.....by.....

4. Fill in the missing words (UP TO TWO WORDS IN EACH SPACE) according to lines 5-7.[6 pts]

The name "....." refers to scientists who chase thunderstorms, hoping that this will lead them to see a Their goal is to as much as possible about twisters.

5. Which of the following phrases can fill the gap in line 14? [2 pt]

- a. When that doesn't happen,
- b. Sometimes, storm chasers get lucky and
- c. Nevertheless, rarely
- d. Whenever they eat,

6. Paragraph III talks mainly (بشكل رئيسي) about [2 pt]

- a. the Kansas twister.
- b. developing instruments for studying tornadoes.
- c. vehicles.
- d. techniques for gathering information.

7. How has "TOTO" (Line 16) helped people understand tornadoes? [4 pts]

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8. Why is the word "*that*" in line 17 in italics (بخط مائل)? [2 pts]

- a. To emphasize the importance of TOTO.
- b. To help the reader tell the difference between the two TOTOs.
- c. To show how powerful some tornadoes are.
- d. To demonstrate that dogs can be swept away by tornadoes.

9. The expression "a safe spot" (Line 18) means [2 pts]

- a. a place where the scientists can shelter.
- b. a spot on the scientists' suits.
- c. a place where the scientists can talk silently.
- d. Answers **a** and **b** are correct.

10. According to paragraph IV, what is the importance of improving the prediction of tornadoes?[4 pts]

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11. Give one reason for investigating tornadoes. [2 pts]

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12. Number (رقم) the following statements according to the order of their appearance in the passage [8 pts]

- a.The scientists put TOTO in its place.
- b.The scientists have considered using a large vehicle to explore tornadoes.
- c.Special kind of a RADAR is used for predicting twisters.
- d.A definition of the term "Tornado".

Part II: Language

Each of the following sentences contains ONE or MORE mistakes. Find it and rewrite the sentence correctly: [15]

1. When I was young, I help my sister with her homework.

.....

2. Yesterday I came home, ate my lunch and go to sleep.

.....

3. You like tomatoes?

.....

4. My friend claimed that I see her.

.....

5. Why she smiles?

.....

6. The president asked where is his guard.

.....

7. To what you are attracted?

.....

8. While I studied, my brother came in and takes my book.

.....

Good Luck guys!!