UNIT 11: TRAVELLING IN THE FUTURE

C. SPEAKING

I. Complete the conversation with the sentences from the box. Write the letters of the sentences (A - F). ----------

A. Well. I think they will be a reality within 10 years or more.

B. That means we can hope for human teleportation.

C. Kind of, but what I mentioned is called teleportation. Apparition requires magic. you know.

D. Yes. sure. And there will be self- driving cars, flying cars, supertrains, hyperloops, hoverbikes, etc.

E. You may need to think again. In 2016, Y.Wei proposed that particles themselves could teleport from one place to another.

F. Do you believe that someday humans can travel from one place to an another without using means of transportation

Janet: (1) _____

Justin: Is it like Apparition in Harry Potter?

Janet: (2) _____

Justin: Haha ... I know. Anyway, I don t think scientists can find ways to teleport things and humans.

Janet: (3) _____

Justin: Really?

Janet: (4) _____

Justin: And a future without traffic jams and accidents?

Janet: (5) _____

Justin: Cool. I wish those vehicles would come soon.

Janet: (6) _____

II. Put the dialogue into the correct order.

_____ Exactly. In some developed countries, people prefer travelling by metro to driving their cars.

_____ So, will it help to reduce traffic jams and accidents?

_____ Yes, I have.

_____ Cool. It seems to be very convenient. I hope to experience it soon!

_____ Of course, it will. Additionally, it consumes less energy and moves faster.

_____ What is it by the way?

_____ You will. Don't worry!

_____ I guess it also causes no air pollution, right?

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____1___ Hi, Jane. Have you ever heard of the metro?

_____ It's an underground electric railway system in a city.

D. READING

I. Fill in each gap with a word from the box

vacuum	through	line	developing
emissions	high	difficult	twice



Hyperloop, as the name suggests, is a sealed tube or system of tubes(1)_____ which a pod may travel free of air resistance or friction conveying people or objects at (2)_____ speed. Tesla and Hyperloop One are two of the biggest companies that are developing Hyperloop. Hyperloop would allow passengers to travel at a top speed of 600 miles per hour, which is more than(3)_____ the highest speed of the fastest train while being independent from weather conditions, and producing zero(4)_____

Tesla has also built a 500-meter test track in Nevada. But there are (5)_____ challenges in the development of Hyperloop, including the painstaking task of building a (6)_____ tube over hundreds of miles of land and investing billions of dollars. Other than that, the Hyperloop must travel only in a straight (7)_____ so passengers don't fall ill. Getting environmental and other clearances for the purpose of hyperloop is a(8)_____ task and a lot of people assume it to be overblown and extravagant.

II. Read the passage carefully, then choose the correct answers.

Right now, a private company is developing something called ET3. ET3 stands for Evacuated Tube Transport Technology.

The ET3 system would reportedly be able to take passengers from New York to Beijing in just two hours. Here is how it **works.** A vacuum tube goes all the way from New York to Beijing. The tube is only a few meters, wide. Capsules move through the tube. Six people can sit in one capsule. The capsules use electricity instead of gasoline. For international travel, the capsules can travel at about 6,500 kilometers per hour. That is much faster than an airplane!

So how can these capsules travel so fast? The answer is that there is no air inside the tube.

LIVEWORKSHEETS

When airplanes fly, they have to move through the air. The air resistance slows the airplanes down. Because there is no air in the ET3 tubes, the capsules are able to move at a very high speed. Besides, the capsules are quite light. They only weigh 183 kilograms.

Of course, ET3 doesn't exist yet. Developers still have to solve a lot of problems. The biggest problem is that right now, ET3 would be far too expensive. In order to make ET3 cheaper, we will need much better technology. Maybe someday, you will be able to have lunch in New York and dinner in Beijing.

1. Why is ET3 clean?

a. It is made of a clean kind of material. b. It uses a cleaner kind of gasoline,

c. It doesn't use gasoline or electricity. d. It uses electricity.

2. The word "works" in paragraph 2 is closest in meaning to---------- .

a. travels b. operates c. earns money d. succeeds

3. All of the following are factors that make ET3 travel fast EXCEPT_____

a. there is no air inside the tube b. the capsule is quite light

c. traveling takes place in the air d. there is no air resistance during the trip

4. What is a problem with ET3?

a. It is far too expensive.

c. It is far too loud.

d. Most people according to the passage, which statement is NOT true.

5. According to the passage, which statement is NOT true?

a. There is no air in the ET3 tubes.

b. Each ET3 capsule can carry up to six people.

c. Speed inET3 system is 6,500km/h for international travel.

d. ET3 can travel a little faster than an airplane.

6. What can be inferred from the passage?

a. There is still a lot to do before putting ET3 into operation.

b. In the future, people will mainly use ET3 to travel abroad.

c. ET3 won't be used domestically due to its high-cost

d. ET3 will soon be cheaper.

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