

زبان عمومی

Part One: Reading comprehension

Directions: Read the following passages carefully. Each passage is followed by some questions. Complete the questions with the most suitable words or phrases (a, b, c & d) below each one. Base your answers on the information given only.

Passage 1

Through a technique known as adopted cell therapy, doctors replicated a woman's own immune cells in the lab; then, they released them into her bloodstream. The tumors began melting away. Scientists are making strides in a new cancer treatment that manipulates the patient's immune system into going to war with malignant growths. The therapy, which could apply to a wide range of cancers, offers a silver lining for patients diagnosed with melanomas in the lungs, bladder and gastrointestinal tract. For example, in a study recently published in *Science* by the National Cancer Institute, doctors "sequenced the genome" of a 43 year-old woman, who had been struggling with a type of cancer that had not responded to chemotherapy, the *New York Times* reported. Through what is called "adopted cell therapy", Dr. Rosenberg and colleagues involved in authoring the study, identified "cells from her immune system that attacked a specific mutation in the malignant cells. Then they grew those immune cells in the laboratory and infused billions of them back into her bloodstream," said the *Times*. Rosenberg told the *Times* that through the process, the tumors began "melting away". He added, "It's the first time we have been able to actually target a specific mutation in the immune system," Rosenberg told NBC News.

121. This passage is mainly about
- using heat to melt cancer cells
 - using the patient's immune system to attack cancer
 - infusing silver in the blood stream to fight cancer cells
 - removing cancer cells by heat and chemotherapy
122. According to the passage, the by adopted cell therapy.
- immune system is suppressed
 - tumor cells adapt to the new remedy
 - immune cells are artificially generated
 - tumor cells melt away in the lab tubes
123. The writer has mentioned melanoma because
- it is unresponsive to chemotherapy
 - there is evidence showing it is the most fatal malignancy
 - it is the most common malignancy found in the world
 - there have been some manipulative strides as to this cancer
124. According to the passage, the writer has a attitude towards treating cancers which are unresponsive to chemotherapy.
- promising
 - discouraging
 - neutral
 - conservative
125. It is stated in the passage that the in order to remove the malignant mutation happening in the cell.
- blood stream is activated by chemotherapy
 - blood is cleaned in the lab and then infused into the body
 - cells, capable of invading malignancies, are infused
 - cells become responsive to chemotherapy