***I. Прочитайте и переведите текст***

ALBERT EINSTEIN

Аlbert Einstein is known all over the world as a brilliant theoretical physicist and the founder of the theory of relativity. He is perhaps the greatest scientist of the 20th century. Some of his ideas made possible the atomic bomb, as well as television and other inventions.

He was born in 1879 in a small German town. The Einstein family soon moved to Munich, where Albert went to school. Neither his parents, nor his school teachers thought much of his mental abilities. His uncle often joked: "Not everybody is born to become a professor."

In 1895 Albert failed the entrance examination to a technical college in Zurich. A year later, however, he managed to pass the exam and entered the college.

After graduating from the college, Einstein started to work at the Swiss Patent Office in Bern. In 1905 he wrote a short article in a science magazine. This was his 'Special Theory of Relativity', which gave the world the most famous equation relating mass and energy *(E=mс2),* the basis of atomic energy.

Later, he became a professor in several European universities and in 1914 moved to Berlin as a member of the Prussian Academy of Sciences. After ten years of hard work he created his 'General Theory of Relativity'.

In 1921 Einstein received the Nobel Prize for Physics.

A Jew, and a pacifist, he was attacked by the Nazis, and when Hitler came to power in 1933 he decided to settle in the United States.

In 1939 Albert Einstein wrote a letter to President Roosevelt, at the request of several prominent physicists, outlining the military potential of nuclear energy and the dangers of a Nazi lead in this field. His letter greatly influenced the decision to build an atomic bomb, though he took no part in the Manhattan Project. After the war he spoke out passionately against nuclear weapons and repression.

Einstein died in 1955. The artificial element einsteinium has been named in his honor.

***II. Ответьте письменно па следующие вопросы.***

1. Why is Einstein generally thought of as being the greatest scientist of the 20th century?

2. When and where was he born?

3. What did his parents and relatives think of his mental abilities?

4. Did he manage to pass his entrance exams at once?

5. Where did E work after graduating from college?

6. When did he create his special Theory of Relativity? Why is it considered to be one of the greatest discoveries ever made?

7. How long did it take him to form his” General Theory of Relativity”?

8. Why did Einstein leave Germany?

9. Why did he write a letter to President Roosevelt? What was it about?

10. Did he take part in the Manhattan Project?

11. What do you know about nuclear weapons? Why are they dangerous?

12. What other outstanding physicists do you know?

***III. Заполните пропуски в тексте, используя подходящее слово из рамки только один раз. В рамке есть одно лишнее слово.***

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| council rubbish paint structure project computer microchip |

**Garbage .Collection Goes High Tech**

The city of Barcelona is putting *microchips* in its 18, 000 litter bins to try and make garbage collection easier. By installing microchips in the \_\_\_\_\_\_\_\_\_\_\_of the bin Barcelona’s \_\_\_\_\_\_\_\_\_\_\_\_ collectors with a hand-held computer can read how full a bin is, the last time it was emptied, and if it needs a lick of \_\_\_\_\_\_\_\_\_\_ “As far as I know this is the first project of this kind in Spain if not in the world,” said a spokesman for the Barcelona city \_\_\_\_\_\_\_ about the &113,000 \_\_\_\_\_\_\_\_\_\_ .“The aim of the specially designed software is to optimize cleaning ... and litter collection routes,” he said.

*IV. Прочитайте тексты о различных изобретениях, определите, какой из заголовков 1-8 соответствует текстам A-G. Каждый заголовок соответствует только одному тексту, при этом один заголовок лишний.*

1. Television

2. Motor Car

3. Electricity

4. Photography

5. Telephone

6. Computer

7. Aeroplane

8. Radio

*V. Подготовьте презентацию о любом знаменитом англичанине.*