

MODULE 7

Breakthrough technologies

New words

Major breakthroughs ['meɪdʒə(r)] ['breɪk.θru:] – большой прорыв

Science['saɪəns] -наука

Medicine['medsn] - медицина, лекарство, медикамент

Nanotechnology [ˌnæn.əʊ.tek'nɒl.ə.dʒi]- нанотехнология


Robotics[rəʊ'bɒt.ɪks]- робототехника

Characteristics for success [ˌkær.ɪk.tə'rɪs.tɪk] [fə(r)] [sək'ses] – характеристика успеха

Vocabulary

Major breakthroughs

- 1 a) **10.5.2** Fill in the gaps in the texts (A-D) with words in the lists.



A

- led
- discovered
- revolutionised

In 1928, Alexander Fleming **1**) penicillin by chance when he forgot to clean a dish. This **2**) medicine and **3**) to the development of life-saving antibiotics.



• unmanned • launched • orbit

In 1957, Russia **1**) Sputnik 1, the first **2**) satellite to successfully **3**) Earth. Then, in 1961, Vostok 1 completed one orbit around the Earth carrying the 27-year-old Russian cosmonaut Yuri Gagarin.

B

C

- lit up
- pioneered
- supply

Nikola Tesla **1**) the use of alternating current (A/C) to send power over huge distances. He paved the way for our modern electricity **2**) and is referred to as the man who **3**) the world.

• writing • unreadable • came across • work out

In 1799, French soldiers **1**) a flat stone near Rosetta, Egypt. 'The Rosetta Stone' had **2**) in Egyptian hieroglyphics and Greek on it and by comparing the two, experts were able to **3**) the meaning of the hieroglyphics, which had been **4**) for centuries.

D