MODULE 7
Breakthrough technologies

New words

Major breakthroughs [ˈmeɪdʒə(r)] [ˈbreɪk.θruː] – большой прорыв

Science[ˈsaɪəns] -наука

Medicine[ˈmedsn] - медицина, лекарство, медикамент

Nanotechnology [ˌnæn.əʊ.tekˈnɒl.ə.dʒi]- нанотехнология

Robotics[rəʊˈbɒt.ɪks]- робототехника

Characteristics for success [ˌkær.ɪk.təˈrɪs.tɪk] [fə(r)] [səkˈses] – 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.

B

- 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.

▶ **VIDEO**

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.

D

- 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.