**19.06.2020 г., группа 2 ЭРСТ (2 подгруппа)**

**Урок 109-110**

**Тема урока: Компьютерные приложения.**

**Задания 1. Прочитать и устно перевести текст.**

**Задание 2. Письменно выполнить упражнения 1 и 2 по условию и отправить на электронный адрес** [**achmiz2015bachmiz@mail.ru**](mailto:achmiz2015bachmiz@mail.ru)

**Отправляя задание, обязательно укажите фамилию, группу, дату и номер урока.**

**Текст Computer Applications**

Many people have or will have had some experience of ‘conversing’ with computers. They may have their own micro-computer, they may use a terminal from the main company at work or they may have a television set with a view data facility. Those who do not have this experience may observe the staff at, for example, an airline check-in or a local bank branch office sitting at their desks, pressing keys on a typewriter like a keyboard and reading information presented on a television type screen. In such a situation the check-in clerk or the branch cashier is using the computer to obtain information (e.g. to find out if a seat is booked) or to amend information (e.g. to change a customer’s name and address).

The word computer conjures up different images and thoughts in people’s mind depending upon their experiences. Some view computers as powerful, intelligent machines that can maintain a ‘big brother’ watch over everyone. Others are staggered and fascinated by the marvels achieved by the space programs of the superpowers, where computers play an important part.

Numerous factories use computers to control machines that make products. A computer turns the machines on and off and adjusts their operations when necessary. Without computers, it would be impossible for engineers to perform the enormous number of calculations needed to solve many advanced technological problems. Computers help in the building of spacecraft, and they assist flight engineers in launching, controlling and tracking the vehicles. Computers also are used to develop equipment for exploring the moon and planets. They enable architectural and civil engineers to design complicated bridges and other structures with relative ease.

Computers have been of tremendous help to researchers in the biological, physical and social sciences. Chemists and physicists rely on computers to control and check sensitive laboratory instruments and to analyze experimental data. Astronomers use computers to guide telescopes and to process photographic images of planets and other objects in space.

Computers can be used to compose music, write poems and produce drawings and paintings. A work generated by a computer may resemble that a certain artist in birth style and form, or it may appear abstract or random. Computers are also used in the study of the fine arts, particularly, literature. They have also been programmed to help scholars identify paintings and sculptures from ancient civilizations.

But computers do not have intelligence in the way humans do. They cannot think for themselves. What they are good at is carrying out arithmetical operations and making logical decisions at phenomenally fast speed. But they only do what humans program gives them to do.

Apart from the speed at which computers execute instruction, two developments in particular have contributed to the growth in the use of computers – efficient storage of large amounts of data and diminishing cost. Today, computers can store huge amount of information on magnetic media and any item of this information can be obtained in a few milliseconds and displayed or printed for the user.

**Упражнение 1. Translate these into English:**

1. использовать терминал главной компании

2. нажимать кнопки на клавиатуре

3. получить информацию

4. различные образы

5. компьютер включает и выключает машины

6. разработать оборудование для исследования Луны и других планет

7. чувствительное оборудование

8. анализировать экспериментальные данные

9. могут быть использованы для сочинения музыки

10. работа, управляемая компьютером

11. помочь ученым определить

12. не могут думать сами

13. хорошо справляться с выполнением

14. вносить вклад

**Упражнение 2. Agree or disagree with the following statements:**

1. Only a few people have or will have had some experience of «conversing» with computers.

2. The word computer conjures up the same images and thoughts in computer’s brain depending upon the structure of the computer.

3. Without computers it would be impossible for engineers to perform the enormous number of calculations.

4. Architectors and civil engineers can’t design complicated bridges and other structures with the help of computers.

5. Computers haven’t been of tremendous help to researchers in the biological, physical and social sciences.

6. Poets and physicists rely on computers to control and check sensitive laboratory equipments.

7. Computers can be used to compose music, write poems and produce drawings and paintings.

8. Computers have intelligence in the way humans do.

9. Today, computers are very big, slow and can store little information on magnetic media.