Reading Activity 11.

1. What does hardware need to start working?

2. Can your computer run without an OS?

3. What is the most important program in the operating system?

4. What are three main functions of an operating system?

5. Can the mainframe computer process several application programs concurrently?

6. What is multiprogramming?

7. What is a computer?

8. Who is in charge of software?

9. What is an operating system?

10. Which operating systems do you prefer?

Reading Activity 12.

1. An operating system is software that works with computer hardware and its resources and is the bridge between the hardware and software of a computer.

2. The OS consists of two main parts: the system kernel and system programs.

3. The kernel is the heart of the operating system. It starts first when you turn on your computer.

4. The kernel controls computer resources and processes requests from system programs.

5. System programs are not needed for the user, but for the connection of the kernel with user applications and peripherals.

6. Examples of system programs are device drivers, file system, network programs, disk defragmentation utilities.

7. User programs are not part of the operating system. They are controlled by the kernel and use system programs to access peripherals. Custom programs include text editors, browsers, and media players.

8. To develop an operating system, you will need to master at least two programming languages: a low-level assembly language and a high-level programming language.

9. Huawei has unveiled the Harmony OS operating system, which will work on a variety of devices, from smartphones to conventional sensors.

10. The operating system will use a secure execution environment