

Industrial electronics

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КРИТЕРИИ ОЦЕНИВАНИЯ

запоминание вокабуляра в течение 20–25 мин.

(написание, перевод, произношение):

6–7 слов

оценка 3

8–9 слов

оценка 4

10 слов

оценка 5

предоставляется 2 попытки

**для дополнительной оценки предоставляется ещё
вокабуляр**

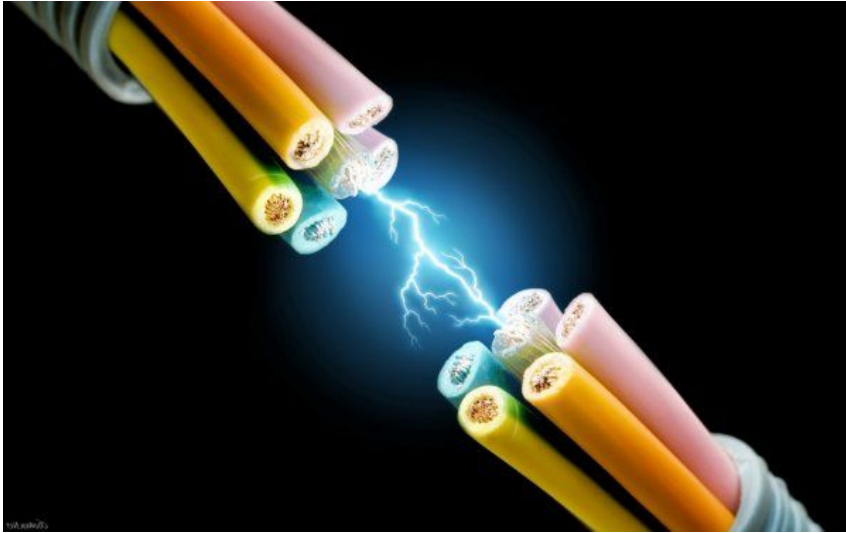
ИТОГО

устные ответы на вопросы



Hundreds of electronic equipments are now used for scientific, industrial and everyday purposes. They help to do jobs better or more rationally than before and take over jobs that couldn't be done otherwise. So, industrial electronics undoubtedly plays a very important role today.

You can easily find many electronic equipments at home: a tape recorder, a TV set, an MP3 player, a computer and many others. The application and use of electronic equipments demands a good knowledge of their fundamentals.



In meters and lamps electricity flows in the wire. But inside any transistor or microchip (and previously, in radio tubes) electric current passes through the space (or semiconductor) separating certain parts in this detail. Such action is called electronic. It's not difficult to imagine it because the same happens in lightning. There you actually see how electricity jumps through space. The first electronic equipments used radio lamps.

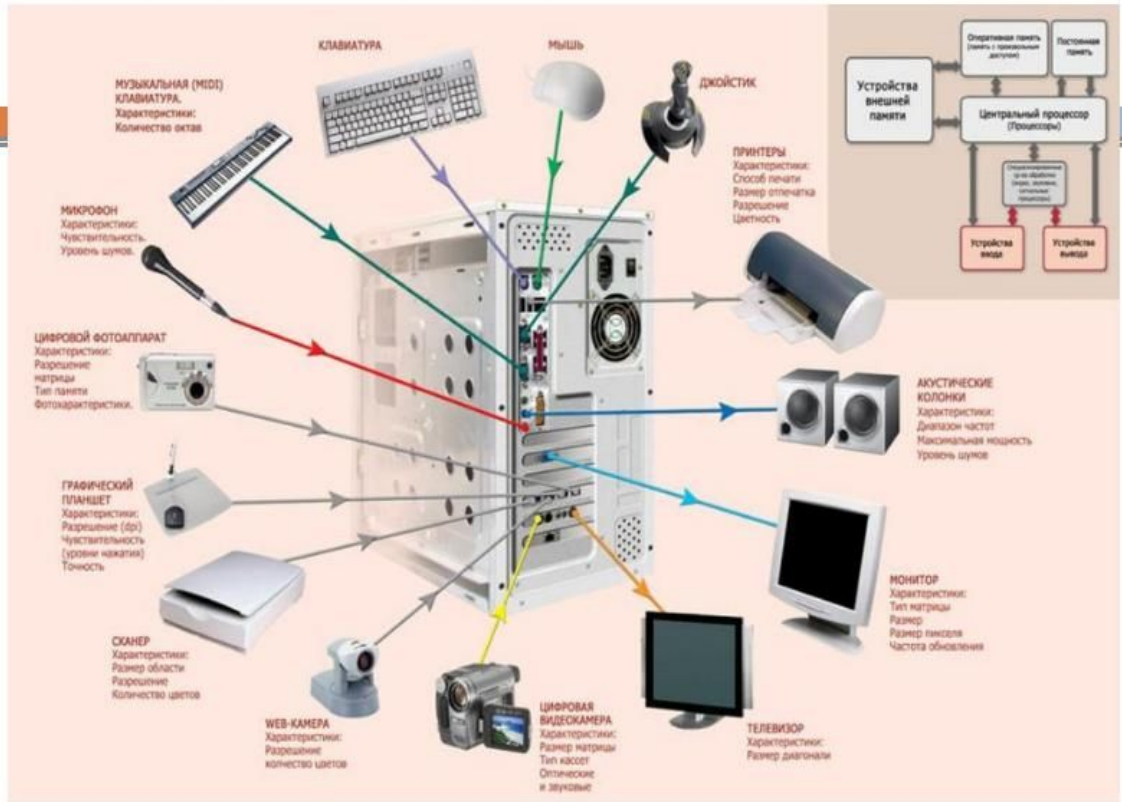


They were: a radio set, a TV set, computing machines (predecessors of modem calculators), computers (which occupied big rooms), tape recorders. The next stage came when transistors were invented. The devices became more powerful and much smaller. The number of devices increased greatly, some multifunctional devices appeared (radio + tape recorder).



Computers and calculators became smaller: cassette recorders and videocassette recorders appeared.

The next period was the period of microchips. They helped to reduce big parts of devices, computers and other devices. The latest period of industrial electronics development is the period of total digitization of all electronic devices, making them compatible with the computer.



Photos are no longer made on film but on memory cards, cassettes and video cassettes are out of use. Television is also becoming digital. Industrial electronics is a great part of our leisure time, it makes people's lives easier, and reduces their working time.

EXERCISES

Answer by oral the following questions to the text:

1. For what purposes are electronic equipments used now? What do they help us to do?
2. Industrial electronics plays an important role today, doesn't it?
3. What electronic equipments are usually found at home? What can you find at home?
4. Where do you actually see how electricity jumps through space?
5. Why did computers become smaller when microchips were introduced?
6. How is the latest period of industrial electronics development called?
7. What devices became compatible with computer?
8. What does electronics mean in our life?
9. Do you think that electronics does only good to people?
10. What will be the next period of industrial electronics development, in your opinion?

Active Vocabulary

certain

определённый

current

ток

otherwise

иначе

increase

увеличиваться

wire

провод

tube

трубка

Active Vocabulary

undoubtedly

несомненно

previously

прежде

demand

требовать

computing

вычислительный

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