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**Иностранный язык**

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**Тема:** Cовременные информaционные технологии. ИКТ в профессионaльной деятельности.

**Тип занятия:** Практическое занятие.

**Основные вопросы:**

1. Выписaть в словрь и выучить словa по зaдaнной теме.

2.Читать и переводить текст.

3.Выполнить упрaжнение.

**Introduction**

The IT industry is one of the fastest growing and changing areas. Technology is developing so quickly. Every day new devices and systems appear. They become more efficient for information and communication technology. Careers in the IT field are in high demand nowadays. The industry is expected to grow. IT specialists may work in commercial spheres and IT companies. Careers in information and communication technology fields include different roles and tasks associated with planning, research, installing, maintenance and monitoring the performance of IT systems.

**There are the following careers in IT:**

1 \_\_\_\_\_ This specialist**manages** projects, technology and people. He **is responsible** for installation of new software, a support group. This specialist develops and implements computer software that supports the operations of the business. Usually he is in charge of project development and support of the system. Has to take responsibility for budgets and for staff. *E IT Manager*

 2 \_\_\_\_\_ This specialist organizes efficient work of computers within an organization, **makes** a detailed **analysis** of the employer’s requirements. This may involve hardware as well as software. He can **adapt** existing software or to prepare new software, implement and test a system. This specialist is as a link between the user and the programmer. *H System Support Person/System Administrator*

3 \_\_\_\_\_ This specialist**maintains** the link between PCs and workstations connected in a network. Uses telecommunications, software and electronic skills. He has some knowledge of the networking software to **locate** and **connect** faults. It includes work on the wiring, software or microchips on a file server, or on cables either within or outside the building. *I Network Support Person/Network Engineer*

4 \_\_\_\_\_ This specialist**researches**, **designs**, and **develops** computers, or parts of computers and the computerized elements of appliances, machines, and vehicles. He may specialize in different areas: research and development, design, manufacturing. Has to be aware of cost, efficiency, safety, environmental factors, as well as engineering aspects. *G Hardware Engineer/Hardware Architect*

5 \_\_\_\_\_This specialist p**roduces** the programs which control the internal operations of computers. **He converts** the system analyst’s specification to a logical series of steps. **Translates** these into the appropriate computer language. **Designs**, **tests** and **improves** programs for computer-aided design and manufacture, business applications, computer networks and games. *B Software Engineer/Software Designer*

6 \_\_\_\_\_ This specialist advises potential customers about available hardware and **sells** equipment. **Discusses** client’s requirements. **Organizes** the sale and delivery and, if necessary, installation and testing. May **arrange** support or training, maintenance and consultation. Must have technical knowledge. *C Computer Salesperson*

7 \_\_\_\_\_ He is an analyst programmer who is responsible for maintaining, updating the software used by a company. This specialist **handles** applications software, **sorts out** problems encountered by users. Solving problems may involve **amending** an area of code in the software, **retrieving** files and data lost when a system crashes. *D System Analyst*

8 \_\_\_\_\_ This specialist can be responsible for installation, repair of computers and related equipment. He **installs** hardware tests by running special software. Some technicians **carry out** routine servicing of large systems. Some specialists **identify** and **repair** faults as fast as possible usually by replacing faulty parts. *J Computer Services Engineering Technician*

9 \_\_\_\_\_ This specialist creates software applications by writing code that is error-free. He also tests and evaluates applications, and improves applications to make them user-friendly. Writes the programs which enable computers to carry out particular tasks. May write new programs or adapt existing programs. He **checks** programs for faults and does extensive testing. *A Applications Programmer*

10 \_\_\_\_\_ These specialists are responsible for implementing and overseeing an organization’s security systems. They install, program, and maintain automated systems, including managing the distribution and coding of security passes or ID cards. *F Security Specialist*

**Vocabulary Practice**

Complete the definitions with the verbs used in the text.

1 \_\_\_\_\_ — do and finish, perform a task **carry out**.
2 \_\_\_\_\_ — invent something new or create **design**.
3 \_\_\_\_\_ — find or discover something **research**.
4 \_\_\_\_\_ — to change something to correct a mistake or to improve it **amend**, **alter**.
5 \_\_\_\_\_ — put a new program onto a computer **download**.
8 \_\_\_\_\_ — translate instructions from one computer language into another **convert**.
9 \_\_\_\_\_ — find the exact position of something **locate**.