JOBS IN IT

Exercise 1:

Before reading the text match the following words and word expressions to their definitions.

1) to anticipate	**a)** to engage or to employ
2) impact	**b)** hidden or not easily recognized danger or difficulty
3) to implement	**c)** an effect or an influence
4) feasible	**d)** to foresee and deal with in advance
5) to respond	**e)** to examine a problem carefully
6) to take charge of smth.	**f)** a word or phrase associated with a person or a product
7) recovery	**g)** to start using
8) tagline	**h)** able to be done, made or achieved.
9) pitfall	**i)** restoration to a former or a better condition
10) to involve	**j)** a person who finds and fixes problems in technical equipment
11) to support	**k)** to react to smth.
12) troubleshooter	**l)** to take control or to be responsible for smth.
13) to investigate	**m)** to keep a computer system or program working

Exercise 2:
The IT industry is well known for its wide range of job titles which can make it hard to find out exactly what people do. What do you know about IT jobs? Before reading the text do the quiz below

 1. (Project managers / web designers) manage the whole project from start to finish.
 2. (Systems analysts / helpdesk technicians) are professional trouble shooters of the IT world.
 3. (Network designers / software engineers) are responsible for setting up local and wide area networks for an organization.
 4. (IT consultants / software testers) provide technical expertise and implement IT systems for clients.
5. (Software testers / systems analysts) detect bugs and try to anticipate all the ways a system might be used.
 6. (Systems analysts / software engineers) are involved in designing and programming system-level software.
 7. (Technical consultants / systems analysts) gather requirements and identify the costs and the time needed to implement the project.

Now read about jobs in computing and compare your answers with the information given in the text.

JOBS IN COMPUTING

Software engineer (also known as application programmer, software architect, system programmer / engineer). The work of a software engineer typically includes designing and programming system-level software: operating systems, database systems, embedded systems and so on. They understand how both software and hardware function. The work can involve talking to clients and colleagues to assess and define what solution or system is needed. Software engineers are often found in electronics and telecommunications companies.

Hardware engineer researches, designs, and develops computers or parts of computers and computerized elements of appliances, machines and vehicles. He is also involved in their manufacture, installation and testing and has to be aware of cost, efficiency, safety and environmental factors as well as engineering aspects.

Systems analyst (also known as systems engineer, technical designer). Systems analysts investigate and analyze business problems and then design information systems that provide a feasible solution, typically in response to requests from their business or a customer. They gather requirements and identify the costs and the time needed to implement the project. They act as a link between the user and the programmer.

Technical support specialist (also known as helpdesk technician). These are the professional troubleshooters of the IT world. Many technical support specialists work for hardware manufacturers and suppliers solving the problems of business customers or consumers, but many work for end user companies supporting, monitoring and maintaining workplace technology and responding to users' requests for help.

Network support specialist (also known as computer engineer, network designer). Network engineering is one of the most technically demanding IT jobs. Broadly speaking, it involves setting up, administering, maintaining and upgrading communication systems, local and wide area networks for an organization. Network support specialists take charge of security, data storage and disaster recovery strategies.

Web developer (also known as Web designer, web producer). Web development is a broad term and covers everything to do with building websites. Web development involves both explicit programming and creative design of new websites.

Software tester (also known as test analyst). Bugs can have a great impact on the productivity and reputation of an IT firm. Testers try to anticipate all the ways an application or system might be used and how it could fail. They don't necessarily program but they do need a good understanding of code. Testers can also be involved at the early stages of projects in order to anticipate pitfalls before work begins.

Technical consultant (also known as IT consultant). The term 'consultant' can be a tagline for many IT jobs, but typically IT consultants

provide technical expertise, develop and implement IT systems for clients.They can be involved at all stages of the project lifecycle.

Project manager (also known as project leader) Project managers organize people, time and resources to make sure information technology projects meet requirements and are completed on time and on budget. They may manage the whole project from start to finish or manage a part of a larger program.

Exercise 3:

Link the words in the columns to make true sentences about jobs in computing.

A web	consultant	controls all the operations and people in a project.
A project	developer	provides technical expertise and implementation of IT systems.
A software	technician	identifies the costs and time needed to implement the project.
A systems	designer	takes charge of troubleshooting.
A helpdesk	analyst	plans, designs and programs software.
A technical	engineer	plans and keeps websites updated.
A network	manager	installs and maintains networks.

Exercise 4:
Listen to 4 people introducing themselves and talking about their jobs. Which job does each person do?
Speaker 1 …
Speaker 2…
Speaker 3…
Speaker 4…

Exercise 5:
4. For which of the jobs described are these statements true? More than one career may match the statement.
1. Your work may involve a lot of interaction with clients and colleagues as well as technical work as you have to assess what system is needed.
2. This work requires basic understanding of web technologies, analytical thinking and creativity.
3. It is important to have experience and flexibility, which are essential for working with tech development teams and higher-level business managers.
4. You need to have knowledge of the networking software to locate and correct faults.
5. The job needs a mix of business and technical knowledge, and a good understanding of people.
6. You should have knowledge of setting up and troubleshooting most types of computers and peripherals.

Exercise 6:
Translate the following sentences into English:

1. Системный аналитик собирает, анализирует и документирует требования к системе и предлагает наилучшие пути их реализации.

2. Разработчик ПО разрабатывает программы для автоматизированного проектирования и производства, а также бизнес приложения для выполнения различных задач на компьютере.

3. Тестировщик ПО - это специалист, который занимается тестированием программного обеспечения, контролирует его качество и отвечает за то, чтобы предвидеть все риски, связанные с работой системы.

4. Менеджер проекта руководит проектом от начала до конца и является посредником между проектной командой и заказчиком.

5. Главная задача менеджера проекта – организовать команду и реализовать проект в срок, используя соответствующие ресурсы и бюджет.

6. Специалисты технической поддержки помогают пользователям решать проблемы, связанные с установкой, обслуживанием и ремонтом компьютеров.

7. Качественная техническая поддержка компьютерного оборудования необходима многим организациям, поэтому специалисты технической поддержки особенно востребованы на рынке труда в современном мире.

8. Веб-дизайнер (веб-разработчик) занимается разработкой веб-сайтов или приложений и должен обладать как знаниями Интернет-технологий и навыками программирования, так и творческими способностями.

9. Разработка программного обеспечения, техническая поддержка, защита информации, веб-дизайн – каждое направление сферы информационных технологий требует квалифицированных специалистов.

10. Работа специалиста по сетевой поддержке включает установку, администрирование и техническое обслуживание сети.

SPEAKING

1. Choose one of the computing careers. Your groupmates must find out what your job is by asking only Yes / No questions.
Example: – Do you design parts of computers?
– No, I don't.
– Do you install networks?
152 *– Yes, I do.*
– Are you a network designer?
– Yes, I am.

2. Complete the interview questions with the words from the box.

> work, tell, expectations, good, motivates, accomplishment, sort, know, strengths, weaknesses, preferences, learn, responsibilities, disagreement

1. Can you ___ me about yourself?
3. What ___ you?
4. What are you ___ at?
5. What ___ of person are you?
6. What are your ___ and ___?
7. What do you ___ about our company?
8. Do you like to ___ in a team or on your own?
9. Tell me about a time when you had a ___ at work and how you handled it.
10. What did you ___ in your last job?
11. What are your current ___?
12. What's your biggest ___?
13. What are your location ___?
14. What are your salary ___?

3. Work in pairs. Study the job advertisement and the information about an applicant and make up a job interview. Use the prompts below and the interview questions).

Nice to meet you, let's start the interview, let me introduce myself, first of all, as soon as possible, I am willing to, fast learner, to have an opportunity, to work long hours, to work part time, I don't mind, to handle the situation, on a daily basis,

Junior frontend developer. Job reguirements.

✓ Educated to degree level, at least one year of development experience.
✓ Intermediate and higher English level
✓ Strong communication skills;
✓ Ability to meet deadlines
✓ Decent knowledge of HTML, CSS, JavaScript and at least 1 framework
✓ The successful candidate must be able to work as a part of a team.

Applicant

✓ Higher National Diploma in Information Technology.
✓ Gets on well with others and can work as a part of a team.
✓ Fluent English
✓ Knowledge of HTML, CSS, JavaScript
✓ Worked part-time in a start up for a year