

**Програма підготовки бакалаврів в галузі знань
12 «Інформаційні технології»
зі спеціальності 121 «Інженерія програмного забезпечення»**

«Іноземна мова за професійним спрямуванням»

**90 год. / 3 кр. ЕКТС
(60 год. практ.)**

Завдання для поточного та підсумкового контролю

Змістовий модуль 1

1. What do you know about computer hardware?
2. What are the main components of computer hardware?
3. What is the so-called 'brain' of the computer?
4. What is the CPU?
5. What are the two most important kinds of memory?
6. How much data can contemporary hard drives store?
7. What is the main function of the motherboard?
8. Why do most companies pre-load the operating system onto the hard drive?
9. What is the purpose of input-output devices?
10. What types of input-output devices do you know?
11. What are the most common input devices?
12. What devices enable data to go into a computer's memory?
13. When was the optical mouse developed and introduced?
14. What are the benefits of optical mouse over wheeled one?
15. Do portable devices use flash memory? Which ones?
16. Who is known as an inventor of a flash memory?
17. When was flash memory invented?
18. What is CD-ROM?
19. What is DVD?
20. What is the difference between CD-ROM and DVD?

Змістовий модуль 2

1. What is computer software?
2. What types of computer software are there?
3. What is the difference between system software and application software?
4. What is OS?
5. What services does OS perform?
6. Why are there so many programming languages?

7. What language does computer understand and why?
8. What does machine code look like?
9. What is the difference between low-level and high-level programming languages?
10. What are the compiler and interpreter? How are they different?
11. What is a database?
12. What is Database Management System and what does it do?

Змістовий модуль 3

1. What is the Internet?
2. Why was the Internet designed?
3. What is IP?
4. What type of information resources and services does the Internet carry?
5. What was the name of the primary precursor network of the Internet?
6. How are traditional communications media being reshaped by the Internet?
7. What industry was the fastest growing segment on the Internet?
8. What is a computer virus?
9. Why are computer viruses called viruses like biological ones?
10. What are the main threats for a user in the Internet?
11. How do worms travel from one computer to another?
12. What is the typical way of spreading for a worm?
13. Do Trojans copy themselves like viruses?
14. What do you know about a botnet? What is it used for?
15. What is malware?
16. What type of malware can be called the most powerful one?
17. What is spyware?
18. What is antivirus software?
19. What is a hacker?
20. Is antivirus software able to protect your computer against any other types of malware?

