- **Fundamentals of algorithms** (3.1)
- Several questions focus on algorithms using pseudocode and logic.

- **Programming** (3.2)
- Python programming tasks such as writing programs for bonus calculation, password checking, and estimating braking distance. Operators, concatenation, variables, arrays and loops.

- **Fundamentals of data representation** (3.3)
- Questions about binary numbers, hexadecimal, and converting bits to megabytes. Compression including RLE, sound and images.

- **Computer systems** (3.4)
- Questions related to software definitions, system software, and CPU components.

- **Fundamentals of computer networks** (3.5)
- Topics covering LANs, bus vs star topology, and the TCP/IP model.

- **Cyber security** (3.6)
- Firewalls, threats like weak passwords and outdated software, CAPTCHA systems, and electronic identity methods.

- **Ethical, legal, and environmental impacts of digital technology** (3.8)
- Legal and ethical impacts of autonomous vehicles and issues regarding program code copyright.