

2 Lecture - CS101

Important Mcqs

Here are some multiple choice questions (MCQs) about "What is Computer Science?" with solutions and multiple options:

1. **What is computer science?** A. The study of algorithms and their properties B. The study of computer hardware only C. The study of the internet D. The study of biology

Solution: A. The study of algorithms and their properties

2. **Which of the following is not a subfield of computer science?** A. Mathematics B. Software engineering C. Artificial intelligence D. Human-computer interaction

Solution: A. Mathematics (although it is closely related to computer science)

3. **What is software engineering?** A. The process of designing and developing computer hardware B. The process of designing, developing, testing, and maintaining software systems C. The study of computer graphics D. The study of computer networks

Solution: B. The process of designing, developing, testing, and maintaining software systems

4. **What is artificial intelligence?** A. The process of creating computer systems that can perform tasks that typically require human intelligence B. The study of computer hardware C. The study of computer networks D. The study of databases

Solution: A. The process of creating computer systems that can perform tasks that typically require human intelligence

5. **What is human-computer interaction (HCI)?** A. The study of algorithms B. The study of computer hardware C. The study of how people interact with computer systems and the design of user interfaces D. The study of cybersecurity

Solution: C. The study of how people interact with computer systems and the design of user interfaces

6. **What is cybersecurity?** A. The study of computer networks B. The study of databases C. The study of how people interact with computer systems and the design of user interfaces D. The protection of computer systems and data from unauthorized access and the detection and response to cyber attacks

Solution: D. The protection of computer systems and data from unauthorized access and the detection and response to cyber attacks

7. **Which of the following is a subfield of computer science related to the creation and manipulation of images and animations?** A. Software engineering B. Databases C. Computer graphics D. Human-computer interaction

Solution: C. Computer graphics

8. **Which of the following is a collection of interconnected devices that communicate with each other to exchange data and information?** A. Software engineering B. Databases C. Computer graphics D. Computer networks

Solution: D. Computer networks

9. **What is the main focus of computer science?** A. The study of computer hardware B. The study of software engineering C. The study of algorithms and their properties D. The study of the internet

Solution: C. The study of algorithms and their properties

10. **Which of the following is an important subfield of computer science that involves designing, implementing, and maintaining database systems?** A. Databases B. Cybersecurity C. Artificial intelligence D. Computer networks

Solution: A. Databases