

1. What is the main focus of Computer Science?

- a) Software
- b) Hardware
- c) Algorithms
- d) Telecommunication

Correct Answer: c) Algorithms

2. What does computer hardware encompass?

- a) Only external components
- b) Only internal components
- c) Both external and internal components
- d) Only the motherboard

Correct Answer: c) Both external and internal components

3. What is the role of computer software?

- a) To perform physical tasks
- b) To manage hardware components
- c) To provide instructions to the computer
- d) To maintain data records

Correct Answer: c) To provide instructions to the computer

4. Which field of Computer Science involves designing executable computer programs?

- a) Networking
- b) Graphics
- c) Robotics
- d) Programming

Correct Answer: d) Programming

5. What is a computer network primarily used for sharing today?

- a) Printers
- b) Internet connection
- c) File servers
- d) Computer hardware

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Correct Answer: b) Internet connection

6. In which domain is computer graphics a core technology?

- a) Healthcare
- b) Telecommunications
- c) Entertainment
- d) Banking

Correct Answer: c) Entertainment

7. What is a robot's defining characteristic?

- a) It is programmable by a computer.
- b) It is capable of complex actions.
- c) It is controlled externally.
- d) It generates computer graphics.

Correct Answer: a) It is programmable by a computer.

8. What is the purpose of a database management system (DBMS)?

- a) Generating computer graphics
- b) Storing data for retrieval
- c) Securing computer systems
- d) Performing complex actions

Correct Answer: b) Storing data for retrieval

9. What does "security" in Computer Science primarily aim to provide?

- a) Speed and efficiency
- b) Confidentiality, integrity, and availability
- c) Hardware components
- d) Firmware updates

Correct Answer: b) Confidentiality, integrity, and availability

10. What does "algorithm" mean in the context of Computer Science?

- a) A type of software
- b) A set of computer components
- c) A specific computing task

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d) A set of instructions for a task

Correct Answer: d) A set of instructions for a task

11. In which industries can Computer Science find applications?

a) Telecom, Banks, and Hospitals

b) Education and Agriculture

c) Manufacturing and Construction

d) Arts and Culture

Correct Answer: a) Telecom, Banks, and Hospitals

12 According to Forbes magazine, which job has been ranked as Number 1 in the US?

a) Quality Assurance Expert

b) IT Manager

c) Software Developer

d) Full-Stack Engineer

Correct Answer: c) Software Developer

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