

Generated Question Paper

Question 1

- COMPUTER SCIENCE EXAMINATION

- INSTRUCTIONS:

- This examination consists of 10 multiple-choice questions.
- Each question has four options: A, B, C, and D.
- Choose the correct answer for each question and mark it in the space provided.
- You have 15 minutes to complete this examination.
- No credit will be awarded for blank or incorrectly marked answers.

- QUESTIONS:

1. What is the primary function of the CPU in a computer system?
A) To store data and programs
B) To provide input/output operations
C) To execute instructions and perform calculations
D) To manage memory and storage
2. Which of the following is an example of a high-level programming language?
A) Assembly language
B) Machine language
C) COBOL
D) BASIC
3. What is the purpose of the "IF" statement in a programming language?
A) To repeat a set of instructions
B) To skip a set of instructions
C) To make a decision based on a condition
D) To exit a program
4. Which of the following is a type of malware that replicates itself and spreads to other computers?
A) Virus
B) Worm
C) Trojan
D) Spyware
5. What is the function of the "while" loop in a programming language?
A) To repeat a set of instructions while a condition is true
B) To skip a set of instructions while a condition is true
C) To exit a program while a condition is true
D) To make a decision based on a condition
6. Which of the following is a characteristic of a relational database?
A) It uses a hierarchical structure
B) It uses a network structure
C) It uses a flat file structure
D) It uses tables with rows and columns
7. What is the purpose of the "SELECT" statement in SQL?
A) To insert data into a database
B) To update data in a database
C) To delete data from a database
D) To retrieve data from a database

8. Which of the following is a type of network topology?
- A) Bus
 - B) Star
 - C) Ring
 - D) All of the above
9. What is the purpose of the "FOR" loop in a programming language?
- A) To repeat a set of instructions for a specified number of times
 - B) To skip a set of instructions for a specified number of times
 - C) To exit a program after a specified number of times
 - D) To make a decision based on a condition
10. Which of the following is a type of cyber attack?
- A) Phishing
 - B) Hacking
 - C) Malware
 - D) All of the above