Jain University Online

Online BCA Program - Sample Question Paper

Instructions:

1. This is a sample question paper for the Online BCA program.

2. Answer all questions.

3. Each question carries marks as indicated.

4. Time allowed: 3 hours

5. Maximum marks: 100

Section A: Multiple Choice Questions (1 mark each)

1. What is the full form of CPU?

a) Central Processing Unit

b) Central Programming Unit

c) Computer Processing Unit

d) Central Peripheral Unit

2. Which tag is used to insert a line break in HTML?

a)

b) <lb>

c) <break>

d) <newline>

3. What is the size of an integer variable in C?

a) 2 bytes

b) 4 bytes

c) 8 bytes

d) 1 byte

4. Which of these is a logical operator?

a) &&

b) ++

c) --

d) %

5. What is the use of CSS?

a) Styling web pages

b) Creating web pages

c) Adding functionality

d) Database management

6. Which of the following is NOT a database?

a) MySQL

b) Oracle

c) Python

d) SQL Server

7. What is the role of an operating system?

a) Manage hardware and software

b) Compile code

c) Store data

d) Send emails

8. Which of these is used for version control?

a) Git

b) SVN

c) CVS

d) All of the above

9. What is a compiler?

a) Translates source code to machine code

b) Runs code

c) Debugs code

d) None

10. Which HTTP method is used to delete data?

a) GET

b) POST

c) DELETE

d) PUT

Section B: Short Answer Questions (5 marks each)

11. Define polymorphism in object-oriented programming.

12. Explain the difference between stack and heap memory.

13. Describe the client-server model in networking.

14. What is a database? List different types.

15. What are the different types of loops in programming?

Section C: Long Answer Questions (10 marks each)

16. Discuss the phases of the software development life cycle.

17. Explain the working of an operating system.