

B.com (Computers) II year - IV Semester

SUBJECT: OBJECT ORIENTED PROGRAMMING WITH C ++

UNIT : I

1. What are the concepts of OOP?
2. What are the benefits of OOPS?
3. What is the different between C++ structure and class? Or difference between structure vs OOPS?
4. Write structure of C++ of program?
5. What are tokens?
6. What are data types? Explain different data types available in C++?
7. What are the operators? Explain?
8. What are controls structures ?
9. Difference between C and C++?
10. What is a function? How is a function is define and declare explain?

UNIT: II

1. What is encapsulation and data hiding, data abstraction?
2. What is class and object? Give example?
3. What is state identity and behavior of an object?
4. What is a constructor? What is the purpose of constructor?
5. What is parameterized constructor demonstrate with example?
6. What is copy constructor demonstrate with example?
7. What is instantiation of an object?
8. What is C++ garbage collection?
9. What is dynamic memory location demonstrate with example?
10. What is Meta class and abstract classes?

UNIT: III

1. What is function overloading demonstrate with example?
2. What is operator overloading?
3. What is unary operator overloading demonstrate with example?
4. What is binary operator overloading demonstrate with example?
5. Explain different visibility mode or access specifier with example?
6. What type conversion is with are the types of type conversions?
7. What is inheritance what are the type of inheritance?
8. What is single inheritance give example?
9. What is multiple inheritance give example?
10. What is multi-level inheritance give example?

UNIT: IV

1. **_What is polymorphism? What are the types of polymorphism explain with example?**
2. **What is virtual function demonstrate with example?**
3. **What is pure virtual function demonstrate with example or what is abstract base class?**
4. **What is a stream? Explain stream classes?**
5. **What is an unformatted and formatted I/O operation?**
6. **Write get () and put () functions?**
7. **What are manipulators give example?**

UNIT: V

1. **What are exceptions? What is exceptional handling demonstrate with an example?**
2. **Explain try, throw and catch expression?**
3. **What is data structure?**
4. **What is linked list? What are basic operations of link list?**
5. **What is a stack what are its operations? Give example?**
6. **What is queue? What are its basic or primitive operations?**