

Question Bank

Object Oeiented Programming with C++

BCA II Sem (JU)

BCA204

UNIT I

- Q.1 What do you mean by OOPs? Explain its features.
- Q2. What do you mean by the class & object.Explain with example.
- Q.3 Difference between structure and class. Explain with example
- Q.4 Difference between union and class. Explain with example
- Q.5 what do you mean by the friend function.
- Q.6 Explain the following are
- (a) Inline function
  - (b) friend classes
  - (c) Scope resolution operator
- Q.7 What do you mean by static class members function.
- Q.8 what do you mean by the passing object to function.

UINT II

- Q.1 What do you mean by the array ? Explain its type with example.
- Q.2 what do you mean by this pointer? Explain with example.
- Q.3 What do you mean by pointer ? Explain pointer to object with example.
- Q.4 What do you mean by array of object? Explain with example.
- Q5. Explain the following are
- (a) Passing Reference to object
  - (b) Returning reference
  - (c) Dynamic allocation operators
  - (d) Initializing allocated memory
  - (e) Allocating array
  - (f) Allocating objects.

- Q.6 What do you mean by constructor and destructor? Explain its type with example.
- Q.7 What do you mean by Multiple constructor in class? Explain with example.
- Q.8 what do you mean by constructing two dimensional array.

### UNIT III

- Q.1 What do you mean by function overloading? Explain with example.
- Q.2 What do you mean by Operator overloading ? Explain with example
- Q.3 What do you mean Overloading constructure function. Explain with example
- Q.4 What do you mean by operator over loading using friend function.
- Q.5 Explain the following are
- (a) Comma operator
  - (b) New & Delete overloading
- Q.6 What type of operator which can not be over loaded

### UNIT IV

- Q.1 What do you mean by Inheritance ? Explain its type with example
- Q.2 What do you mean by the data member and data member function ? Explain its type
- Q.3 What is constructor inheritance? Explain with example.
- Q.4 What do you mean by virtual base class? Explain with example
- Q.5 What do you mean by virtual function? Explain with example
- Q.6 What do you mean by abstract base class? Explain with example
- Q.7 What do you mean by pure virtual function? Explain with example
- Q.8 What do you mean by polymorphism? Explain its type.
- Q.9 Explain the following are
- (a) Early Binding
  - (b) Late Binding

### UNIT V

- Q.1 What do you mean by basic stream classes?

Q.2 What do you mean by formatted I/O ?

Q.3 Explain the examining the formatted flags.

Q.4 Explain the following are

(a) fill()

(b) width()

(c) precision()

Q.5 Explain the creating your own manipulators.

Q.6 Explain the following are

(a) Setting all flags

(b) Clearing formate flags