January 2019

Bachelor of Computer Applications (BCA) Examination

IIIrd Semester

BCA-302 : OBJECT ORIENTED PROGRAMMING THROUGH C++

Time 3 Hours]

[Max Marks 99

Note : Attempt any five questions. All questions carry equal marks. Assume suitable data, wherever necessary.

1. What are the basic concepts of oops ? Explain. Also write the benefits of oops.

2. What is Constructor ? Explain different types of constructors with example.

3. What is friend function ? Explain using example.

4. Explain virtual function with the help of an example.

5. What is inheritance ? Explain different types of inheritance. Also write a program to implement single level inheritance. http://www.davvonline.com

6. Explain exception handling by using suitable example.

7. Write short notes on any four of the following :
   (a) Abstract Classes
   (b) Polymorphism
   (c) Inline Functions
   (d) Preprocessor Directives
   (e) Static and Dynamic Binding.