

**Bachelor of Computer Application (BCA) - 3rd Sem. (old sylb 2016)**

**(Special Chance)**

**(2221)**

**Paper: Paper-III C++ (OOP Language)**

**Time Allowed: 3hrs.**

**Max. Marks: 75**

**Note: There are eight questions, attempt any five. All questions carry equal marks.**

1. Explain various operators available in C++. Also write their precedence and associativity.
2. a) Which are different types of errors? Explain with examples.  
b) Which are preprocessor directives?
3. Write a program to get a number from user and find the sum of its digits.
4. What is a string in C++? Explain various in-built string handling functions with examples.
5. What do you mean by function overloading? Give an example.
6. What is difference between object and class? What is use of constructors and destructor in a class?
7. What is importance of Inheritance in C++? Which are different types of Inheritance.
8. What is a structure? Explain with an example. What is difference between structure and class in C++? How can you access structure members?

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