B.C.A. DEGREE EXAMINATION,APRIL 2019
II Year III Semester
Object Oriented Programming With C++

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. What is software evolution?
2. List a few areas of application of OOP Technology.
3. Define Token.
4. What is an expression?
5. Define class.
6. What is type conversion?
7. Define inheritance.
8. What is polymorphism?
9. Define file.
10. What is error handling?
11. Define constructor.
12. What is a file pointer?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Explain the benefits of OOP.
14. Discuss about operators in C++.
15. Describe the function overloading with an example.
16. Explain about Formatted console I/O operations.
17. Write short notes on File operations.
18. What are inline functions? Explain with example.
19. Describe the virtual function with examples.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Explain the basic concepts of object oriented programming.
21. Describe control structures in detail.
22. Explain the types of constructors with examples.
23. Write a C++ program to demonstrate multilevel inheritance.
24. Write a C++ program to illustrate command-line arguments.

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