B.C.A DEGREE EXAMINATION,NOVEMBER 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. List the applications of OOP.
2. Define polymorphism.
3. What do you know about Manipulators
4. Define Inline Function.
5. Name two operators that cannot be overloaded in C++.
6. What is a Copy Constructor?
7. What do you know about Virtual Function?
8. What is a stream? Give its types.
9. What is the use of file buf?
10. Define a "File". State its types.
11. Define Objects.
12. Define function prototype.

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

Answer any **FIVE** questions

13. Discuss the advantages of OOP.
14. How to pass an object to a function.
15. Describe about the "over loading operators" with example.
16. Define inheritance. List the merits of inheritance.
17. Write a note on Error handling in File operations.
18. Write a program to calculate simple and compound interest using classes.
19. Write a note on "Call by Reference".

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

Answer any **THREE** questions

20. Explain Basic concepts of OOP's.
21. Explain control structures with example.
22. Explain types of Constructor.
23. Explain the types of Inheritance with suitable examples.
24. Define file. Explain the use of file Operations.

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