B.Com(ISM) 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 Data abstraction?
2. Define Polymorphism.
3. Define Super keyword.
4. Describe new and delete operator.
5. What is Inline function? Provide an example.
6. Define Pointers.
7. Write any four rule of Operator Overloading.
8. Compare Constructor and destructor.
9. What is Inheritance? Write its kinds.
10. What are the advantages of OOPS?
11. Define an abstract class.
12. What is the structure of C++ program?

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

Answer any **FIVE** questions

13. What are the features of OOPS?
14. Explain any two Control Structures with example.
15. Explain concept of friend function with example.
16. Explain Constructor and its type with example.
17. Write a C++ program to implement single inheritance with public access specific.
18. Write C++ program to find the area of a circle.
19. Explain Data types in C++.

Section C $(2 \times 15 = 30)$ Marks

Answer any **TWO** questions

20. Explain the following concepts of OOPS with an example
    a) Dynamic binding b) Classes c) Encapsulation.
21. Explain Operators with an example.
22. List and explain the rules associated with Virtual function.
23. Write about Operator Overloading in C++ with an example.

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