

B.Sc. DEGREE EXAMINATION, APRIL 2020
II Year III Semester
Programming in C++

Time : 3 Hours

Max.marks :60

Section A ($10 \times 1 = 10$) Marks

Answer any **TEN** questions

1. List the advantages of OOP.
2. What is iostream?
3. Define keywords.
4. What are Tokens?
5. How while statement differs from do...while?
6. Define break statement.
7. Give the syntax to create a structure in C++.
8. Define Array of Objects.
9. What are Destructors?
10. Write the general form of Class declaration.
11. What is Type conversion?
12. What is an Abstract class?

Section B ($5 \times 4 = 20$) Marks

Answer any **FIVE** questions

13. Write about the features of C++.
14. Discuss the Mathematical functions in C++.
15. How variables are declared and initialized? Give example.
16. Write about function overloading in C++ with example.
17. What is an Array? Explain its types.
18. How class members are created and accessed? Explain.
19. Explain Unary operator overloading.

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

Answer any **THREE** questions

20. Discuss the I/O functions of C++.
21. Write about the operators in C++.
22. Explain about C++ Conditional statements with example.
23. What are Constructors? Explain the types of constructor with example.
24. Describe the types of inheritance in C++ with example.

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