



QP CODE: 20101203



20101203

Reg No :

Name :

B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2020

Second Semester

B.Sc Mathematics Model II Computer Science

Vocational Course - CA2VOT02 - COMPUTER SCIENCE -OBJECT ORIENTED

PROGRAMMING WITH C++

2017 ADMISSION ONWARDS

36EB7093

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define the structure of C++ programming.
2. What is header file?
3. What is unformatted consol input output operation?
4. List the different decision statements.
5. What is 'for' loop?
6. What is the use of default arguments?
7. How to declare an object?
8. What is static constructor in C++?
9. List the different unary operators.
10. What does an assignment operator do?
11. What are types of Inheritance?
12. What are the file stream class?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. What are the advantages of flow chart?
14. Explain the basic concepts of Object Oriented Programming.
15. Explain different relational operators.
16. Explain built in functions and user defined functions.
17. Explain recursion with an example.
18. Brief the concept of constructors and destructors.
19. Explain constructors with default argument.
20. What are the advantages of operator overloading in C++?
21. How a pointer is used. Explain?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain in detail about the advantages of object oriented programming.
23. What are the different ways of passing arguments to a function. Explain with example.
24. Explain the use of constructor and destructor in C++ with example.
25. What is a virtual function? When do we make a virtual function “pure”?

(2×15=30)

