

Faculty of Science**B.Sc (Computer Science) I-Year, CBCS-II Semester Examinations, May/June 2019****PAPER: OBJECT ORIENTED PROGRAMMING WITH C++**

Time: 3 Hours

Max Marks: 80

Section-A

I. Answer any FIVE of the following questions. (5x4=20 Marks)

1. Write about user defined data types.
2. Write about Friend and Virtual functions.
3. What are the rules for operator overloading.
4. What are the rules for Copy Constructor.
5. What is Hybrid Inheritance.
6. Write about Formatted Console I/O operations.
7. What is a Function Template.
8. What is Rethrowing an Exception.

Section-B

II. Answer the following questions. (4x15=60 Marks)

9. (a) Explain about Storage classes? Give example.

(OR)

(b) Discuss about Function Overloading & recursion in C++

10. (a) With an example, explain static member functions.

(OR)

(b) Explain about overloading of unary and binary operators.

11. (a) Explain about Multiple Inheritance. Give example?

(OR)

(b) Write about Virtual Constructors and Destructors.

12. (a) Explain about Exception Handling Mechanism.

(OR)

(b) Explain about Class Templates with multiple parameters.
