R-17

Faculty of Science

B.Sc (Computer Science) I-Year, CBCS-II Semester

Backlog Examinations, Dec/Jan 2019-20

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. Give an example for Inline Function.
2. Explain call by reference with an example program.
3. Define Classes and Objects.
4. Explain type conversion.
5. Give an example for Defining derived classes.
6. Write about Formatted console Input /Output operations.
7. Define Class templates.
8. Write about Re-throwing an Exception.

Section-B

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

9 (a) Write elaborately about creating, compiling and linking the source file.

(OR)

(b) Explain Function overloading with an example program.

10 (a) Explain about Static Data members and Static member functions with examples?

(OR)

(b) What is the use of operator overloading? Write a program to Overload post and pre increment operators.

11 (a) Explain different forms of Inheritance supported in c++.

(OR)

(b) Explain about virtual Constructors and Destructors with an example.

12 (a) Explain Function templates with multiple parameters with an example.

(OR)

(b) Explain about Exception handling with an example program.

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