

K-9/2051
OBJECT ORIENTED PROGRAMMING USING C++ –203
(Semester–II)

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt *two* questions each from Section A and B.
Section C will be compulsory.

SECTION–A

- I. Write the characteristics of object oriented programming paradigm. 10
- II. (a) What is assignment operator? Explain different forms of assignments. 5
(b) What is conditional operator? How is it used in place of if-else statement? 5
- III. Explain nested if-else statement with example. 10
- IV. Explain parameter passing by value, by pointer, by reference variable. Give example of each. 10

SECTION–B

- V. (a) Explain the purpose of access control specifiers. 5
(b) What is the use of 'this' pointer? 5

- VI. What is constructor? Explain constructor overloading with example. 10
- VII. What is operator overloading? Write a program to implement a binary operator. 10
- VIII. How exception handling is implemented in C++? 10

SECTION-C

- IX. (a) What are the primitive data types in C++?
- (b) Define variables.
- (c) What is use of 'sizeof' operator?
- (d) What are bitwise operators?
- (e) What is function prototype?
- (f) What are inline functions?
- (g) What is destructor?
- (h) What is early binding?
- (i) What is hybrid inheritance?
- (j) What is the use of abstract class? (10×3=30)
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