

Roll No. _____

[Total No. of Pages : 2

CAIIS-N-120 A-19
BCA II Semester Degree Examination
COMPUTER SCIENCE
(Object Oriented Programming in C++)
Paper - DSC-2B
(New)

Time : 3 Hours

Maximum Marks : 80

SECTION-A

1. Answer All the questions. Each carries 2 marks.

(10×2=20)

- a) What is object oriented programming?
- b) Define structure.
- c) Define constructor.
- d) What is type casting?
- e) What does Inheritance mean in C++?
- f) List of I/O's formatted functions.
- g) What is command line argument?
- h) Define the member functions of a string class.
- i) What is exception handling?
- j) What is template?

SECTION-B

Answer any four questions.

(4×5=20)

- 2) What are the advantages of object oriented programming?
- 3) What is friend function? Explain with an example.
- 4) Write a C++ program to explain single inheritance.
- 5) What is file mode? Describe the various file mode options available.
- 6) Explain exception handling mechanism in C++.
- 7) Explain String concatenation with an example.

SECTION-C

Answer any **four** questions.

(4×10=40)

- 8) Explain the basic structure of C++ program.
- 9) Explain any two selection statements with an example.
- 10) What are objects? How they are created? Explain with example.
- 11) What is constructor? Explain its various types.
- 12) Explain different forms of Inheritance with an example.
- 13) Explain class template with multiple parameters with an example program.

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