(1804 (Third)

BCA 08

Second Semester B.C.A. Examination, August 2011 OOPS WITH C++

Time: 3 Hours

Max. Marks: 80

Instruction: Answer all question in Part – A and either (a) or (b) of each
question in Part – B.

PART - A

I. Answer all questions:

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- 1) What is variable of the other of right of head ? policing the decrease at safew ...
- 2) What is encapsulation ?: besit stomosed into the second solidate in highest in (8)
- 3) What is data abstraction?
- 4) What is stream?
- 5) What is message passing?
- 6) What is polymorphism?

7) What is calliby value? carried to appearance winiged? retrice at network

- 8) What is function overloading ? The strong conspose the de elisten all vinteple a diff
- .9) What is class?
- 10) What is array ? பிர்க்காடியும் வரைக்காகிக்களில் கண்கைகளின் அ

II. Answer the questions in a paragraph:

 $(5 \times 4 = 20)$

- 11) What is meant by default arguments? Give example.
- 12) Explain in detail about structure with syntax.
- 13) What is destructor? Give syntax and example.
- 14) What are file modes? Describe various file mode options.
- 15) Write about functions in C++.

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PART - B

Answer the questions in detail:

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16) a. Explain basic concepts of OOPs.

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- b. Write about If. Else statement, Switch statement and DO... WHILE statement.
- 17) a. Explain all types of inheritance.

OR

- b. What is a friend function? Describe their benefits and limitations.
- 18) a. Explain explicit constructor, parameterized constructors and multiple constructors with suitable example.

OR

- b. Define packages. Explain in detail.
- 19) a. Describe virtual functions with an example.

OR

- b. What is pointer? Explain advantages of pointer with example.
- 20) a. Explain the details about exception handling.

OR

b. What are the different forms of inheritance supported in C++? Discusse (1)