ANNA UNIVERSITY COIMBATORE

B.E. / B.TECH. DEGREE EXAMINATIONS : MAY / JUNE 2010

REGULATIONS : 2007

FOURTH SEMESTER : EEE

070230046 - OBJECT ORIENTED PROGRAMMING

TIME : 3 Hours
Max.Marks : 100

PART – A

(20 x 2 = 40 MARKS)

ANSWER ALL QUESTIONS

1. Write about the Operator Overloading in C++ .
2. What is inline function ?
3. What is friend function?
4. Write about copy constructor?
5. Define Virtual function.
6. What do you mean by call-by reference?
7. Write about static member function?
8. How will you initialize an object dynamically?
9. Brief about polymorphism C++ .
10. Write any two merits of oops?
11. What do you know about 'new' operator?
12. Give examples for Type cast operator.
13. Define wrapper class in JAVA.
14. What is finalizer methods in JAVA?
15. What is token? List the various types of tokens supported by JAVA?
16. What are command line arguments? How are they useful?
17. What is interfaces?
18. How will you create an Array?
19. Write any two string methods in JAVA?
20. What do you mean by vectors?

PART – B

(5 x 12 = 60 MARKS)

ANSWER ANY FIVE QUESTIONS

21. Explain the data types and operators in C++?
22. Explain the constructors used in C++?
23. Write a Student information system using inheritance in C+?
24. Describe Operator overloading in C++?
25. Describe various class objects and methods in Java?
26. How will you define extend and implement interfaces in Java?
27. Explain visibility control with neat example?
28. How will you create, access and use a package?

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