

ANNA UNIVERSITY COIMBATORE

B.E. / B.TECH. DEGREE EXAMINATIONS : DECEMBER 2009

REGULATIONS - 2007

FOURTH SEMESTER – ELECTRICAL AND ELCTRONICS ENGG.

070230046 - OBJECT ORIENTED PROGRAMMING

TIME : 3 Hours

Max.Marks : 100

PART – A

(20 x 2 = 40 MARKS)

ANSWER ALL QUESTIONS

1. Give two Advantages of Object Oriented programming.
2. What is multiple inheritance? Give an example.
3. Explain about Data Abstraction
4. Explain 4 different java applications.
5. Define an interface.
6. What is functionality of JVM?
7. Write a short notes on object oriented methodologies.
8. Explain the data types in c++.
9. Give the operator presidency in c++.
10. Define a Pointer and how many bytes it will take while doing operation.
11. What is a copy constructor in c++?
12. Define polymorphism.
13. Give main differences between c++ and java.
14. Give an example for command line parameters in java.
15. What is static member function in java give an example?
16. What is the difference between overriding and overloading?
17. What are the access specifiers in c language?
18. Define a package and give an example.
19. Give the difference between package and Interface.
20. What is the purpose of final class in java?

PART – B

(5 x 12 = 60 MARKS)

ANSWER ANY FIVE QUESTIONS

21. a) What is the object oriented paradigm? Explain its importance.
b) Explain features of object oriented programme in detail.
22. a) Explain the inheritance in detail.
b) Explain different types of constructors with example.
23. a) Tell about dynamic initialization in c++ with example.
b) Explain Polymorphism in detail.
24. a) Explain the features of Java.
b) Explain the explain visibility control in java.
25. a) Explain Java API in detail.
b) What is an interface in java? Explain in detail with example?
26. a) Explain about Exception handling in java.
b) What do you understand about virtual function?
27. a) Explain different data types in c++.
b) Explain the about the storage classes in c++.
28. a) Explain the operator precedence in c++.
b) Explain the static member function in java with example.

*****THE END*****