Sub: Oops Through Java
(COMMON TO ECE-A,ECE-B,ECE-C)
QUESTION BANK

Unit-1
Main expected questions
Explain the oops features?
What are the Java buzzwords? Explain?
Explain about oops paradigms?
What are the java data types?
What is casting? Explain the type conversion?
Explain about control statements in java?
What is a constructor? Explain about parameter constructor?
Small questions
Explain about type conversion? And casting in java?
Difference between method of overloading and method of overriding? With demo programs?
Difference between static binding and dynamic binding?
Difference between the object oriented programming and procedure oriented programming?
Define the following terms
1) Encapsulation
2) Abstraction
3) Coping complexity
4) Inner classes
5) Garbage collector.
Unit-2
Main expected questions
What is an inheritance? Explain the hierarchical abstractions with costs and benefits of inheritance?
What is an interface? How to implement multiple inheritance using interface in java?
What is a package? How to define, create and access a package?
What are the forms of inheritances? Explain?
What is a package? How to set the class path in java?
Small questions
Difference between classes and interfaces?
What is polymorphisam? Explain the method of overriding?
What is constructor? Explain the method of overloading with suitable demo program?
What are the member access rules?
Difference between super class and sub class?
Define the Abstract class?

Unit-3

Main expected questions

What are the exception handlings functions explain? With suitable code?

Explain the life cycle of a thread?

Small questions

Difference between throw and throws, final, finally and finalize?

Deference between multi tasking and multi threading?

Define the following terms

1) Synchronization threads
2) Daemon threads
3) Thread groups

Unit-4

Main expected questions

Write the event listener methods, event classes' methods, event source methods?

Explain (AWT) Abstract Window Tool class hierarchy?

What is an event? Explain the mouse event classes, keyboard event classes?

Explain the following terms

1) Listpannels 2) graphics 3) check box 4) dialog box controls

Unit -5

Main expected questions

What is an applet? Explain the life cycle of applet?

What are the limitations of AWT? Explain the MVC architecture?

Explain the following the swing controls?

Japplet.jframe, components

Small questions

How to pass the parameters to the applets?

Define the following controls

1) Scroll panel 2) trees and tables