2005 ANDHRA UNIVERSITY
II B.TECH II SEMESTER DEGREE EXAMINATION
B.TECH INFORMATION TECHNOLOGY
JAVA PROGRAMMING

TIME : 3 HOUR
MARK : 70

FIRST QUESTION IS COMPULSORY

ANSWER ANY FOUR FROM THE REMAINING QUESTIONS

ALL QUESTIONS CARRY EQUAL MARKS

ANSWER ALL PARTS OF ANY QUESTION AT ONE PLACE

Q1. Answer all questions

(a) What is the signature of a method?

(b) What is an abstract class?

(c) What is the difference between socket and port?

(d) Can you Instantiate an interface?

(e) What is Javap?

(f) How do applets differ from applications?

(g) Should applets have constructors?

Q2. (a) What is the difference between an instance variable and class variable?

(b) How do you create an instance of a class?

Q3. (a) Narrate the difference between Overriding and Overloading?

(b) Does the Java provide virtual methods like C++?

Q4. (a) How do you initialize an array of objects?

(b) Write a program to count the number of white space characters in a file.

Q5. (a) What is an Exception?

(b) How do you create a thread and start it running? Explain with example.

Q6. (a) How do you put an applet into a Web page?

(b) Can you put menus and menu bar on your applet? Explain.

Q7. (a) Explain different types of Sockets.

(b) Write a client/server programs for one-one chatting.

Q8. (a) What are the different Mouse Listeners?

(b) Write an applet program for drawing bar charts.