

**III B.Tech II Semester Supplementary Examinations,  
November/December 2005  
JAVA PROGRAMMING  
( Common to Information Technology and Computer Science & Systems  
Engineering)**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions  
All Questions carry equal marks**

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1. (a) Describe the structure of a typical Java program with an example. [5]  
(b) Discuss the lexical issues in Java. [6]  
(c) Java is a free from language. Justify the statement? [5]
2. (a) How many ways are possible in java to create multiple threaded programs?  
Discuss the differences between them? [8]  
(b) Write a program to create four threads using Unable interface [8]
3. (a) How is an Exception handled in JAVA. [8]  
(b) What are advantages of using Exception handling mechanism in a program? [8]
4. (a) Write down any five AWT components. [5]  
(b) Write down any seven event classes. [6]  
(c) Discuss the Event Listeners. [5]
5. Explain the different types of Layout managers with suitable examples. [16]
6. (a) Explain about Stream I/O. [8]  
(b) Write a Java Program to read a paragraph from a file and find out no of  
Sentences, words and characters in that paragraph using Stream Tokenized. [8]
7. (a) Explain the different IP addressing schemes? [8]  
(b) What are the advantages of java beans? [8]
8. Write a Java program to read the data from and write data to servlet using data  
input/output streams. [16]

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