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**CAVIS 351 A-15**  
**B.C.A.VIth Semester Degree Examination**  
**Computer Science**  
**(Programming in Java)**  
**Paper : BCA 6.1**

Time : 3 Hours

Maximum Marks : 80

**SECTION - A**

**I** Answer **All** the questions. Each question carries **2** marks. **(10×2=20)**

1. a) Why Java is called object oriented language.  
b) JDK stands for  
c) What is class inheritance  
d) What is packages and interfaces.  
e) Java applet program runs under  
f) What is multithreading  
g) What is constructor? What are its advantages.  
h) What is graphics and text  
i) TCP/IP stands for  
j) What is networking classes

**SECTION - B**

**II** Answer any **FOUR** questions. Each question carries **5** marks. **(4×5=20)**

2. Describe the structure of a typical Java program.
3. What is separators? Describe the various separators used in Java.
4. Write a java program to arrange the give number in ascending c
5. What are the methods of string and string buffer classes.

6. What is difference between multiprocessing and multithreading.
7. What is applet? What are the differences between local and remote applets.

### SECTION - C

**III** Answer any **FOUR** questions. Each question carries **10** Marks. **(4×10=40)**

8. What is an exception? Explain briefly types of exceptions with examples.
9. Explain the features of Java program? Briefly.
10. Develop an applet that receives three number values as input from the user and then display the largest of three on the screen. Write a HTML page and test the applet.
11. Explain the following terms.
  - a) Final variable final method and final class.
  - b) Abstract method and abstract class
12. Explain character stream class
13. Explain the TCP/IP client sockets and server sockets in briefly.