Code No: NR321202   **NR**   **Set No. 2**

III B.Tech II Semester Examinations,December 2010
JAVA PROGRAMMING
Common to Information Technology, Computer Science And Systems
Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. (a) Why Java is a robust and secured language? [8]

    (b) Write a program that reads the characters from the key board in a character type array called text and write the characters backwards into another character type array called back text. Assume that the array text contains 80 characters. [8]

2. Explain the following with suitable examples. [4x4=16]

    (a) CORBA

    (b) IDL

    (c) Creating a basic CORBA Server.

    (d) Creating a CORBA Client with java IDL.

3. (a) What is socket and what are its uses? [5]

    (b) Differentiate between server/client and reserved sockets? [5]

    (c) What are the different types of IP addressing and explain them? [6]

4. Design an applet to create a menu bar and pull down menus. [16]

File	Edit	View
Open	Undo	Normal
New	Cut	Tool bar

5. (a) Explain about Java I/O package in detail. [10]

    (b) List out Byte Stream Classes. [6]

6. Explain the different types of Layout managers with suitable examples. [16]

7. Write a program containing a possible exception. Use try block to throw it and a catch block to handle it properly. [16]

8. (a) Why the synchronized methods within classes will not work in all cases? What is the alternative? Write a program to discuss the same. [8]

    (b) Write a program that creates two threads. First thread prints the numbers from 1 to 100 and the other thread prints the numbers from 100 to 1. [8]

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NR   **Set No. 4**

III B.Tech II Semester Examinations,December 2010
JAVA PROGRAMMING
Common to Information Technology, Computer Science And Systems
Engineering
Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Design an applet to create a menu bar and pull down menus.   [16]

File	Edit	View
Open	Undo	Normal
New	Cut	Tool bar

2. Explain the different types of Layout managers with suitable examples.   [16]

3. (a) Why the synchronized methods within classes will not work in all cases? What is the alternative? Write a program to discuss the same.   [8]

    (b) Write a program that creates two threads. First thread prints the numbers from 1 to 100 and the other thread prints the numbers from 100 to 1.   [8]

4. (a) Why Java is a robust and secured language?   [8]

    (b) Write a program that reads the characters from the key board in a character type array called text and write the characters backwards into another character type array called back text. Assume that the array text contains 80 characters.   [8]

5. Explain the following with suitable examples.   [4x4=16]

    (a) CORBA

    (b) IDL

    (c) Creating a basic CORBA Server.

    (d) Creating a CORBA Client with java IDL.

6. (a) What is socket and what are its uses?   [5]

    (b) Differentiate between server/client and reserved sockets?   [5]

    (c) What are the different types of IP addressing and explain them?   [6]

7. (a) Explain about Java I/O package in detail.   [10]

    (b) List out Byte Stream Classes.   [6]

8. Write a program containing a possible exception. Use try block to throw it and a catch block to handle it properly.   [16]

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Code No: NR321202 $\boxed{\textbf{NR}}$ $\boxed{\textbf{Set No. 1}}$

III B.Tech II Semester Examinations,December 2010
JAVA PROGRAMMING
Common to Information Technology, Computer Science And Systems
Engineering

Time: 3 hours Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. (a) Why the synchronized methods within classes will not work in all cases? What is the alternative? Write a program to discuss the same. [8]

   (b) Write a program that creates two threads. First thread prints the numbers from 1 to 100 and the other thread prints the numbers from 100 to 1. [8]

2. Design an applet to create a menu bar and pull down menus. [16]

File	Edit	View
Open	Undo	Normal
New	Cut	Tool bar

3. (a) Explain about Java I/O package in detail. [10]

   (b) List out Byte Stream Classes. [6]

4. Write a program containing a possible exception. Use try block to throw it and a catch block to handle it properly. [16]

5. (a) What is socket and what are its uses? [5]

   (b) Differentiate between server/client and reserved sockets? [5]

   (c) What are the different types of IP addressing and explain them? [6]

6. (a) Why Java is a robust and secured language? [8]

   (b) Write a program that reads the characters from the key board in a character type array called text and write the characters backwards into another character type array called back text. Assume that the array text contains 80 characters. [8]

7. Explain the different types of Layout managers with suitable examples. [16]

8. Explain the following with suitable examples. [4x4=16]

   (a) CORBA

   (b) IDL

   (c) Creating a basic CORBA Server.

   (d) Creating a CORBA Client with java IDL.

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3

Code No: NR321202 | **NR** | **Set No. 3**

III B.Tech II Semester Examinations,December 2010
JAVA PROGRAMMING
Common to Information Technology, Computer Science And Systems Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. Explain the different types of Layout managers with suitable examples.   [16]

2. Write a program containing a possible exception. Use try block to throw it and a catch block to handle it properly.   [16]

3. Explain the following with suitable examples.   [4x4=16]

    (a) CORBA

    (b) IDL

    (c) Creating a basic CORBA Server.

    (d) Creating a CORBA Client with java IDL.

4. (a) What is socket and what are its uses?   [5]

    (b) Differentiate between server/client and reserved sockets?   [5]

    (c) What are the different types of IP addressing and explain them?   [6]

5. (a) Explain about Java I/O package in detail.   [10]

    (b) List out Byte Stream Classes.   [6]

6. (a) Why Java is a robust and secured language?   [8]

    (b) Write a program that reads the characters from the key board in a character type array called text and write the characters backwards into another character type array called back text. Assume that the array text contains 80 characters.   [8]

7. (a) Why the synchronized methods within classes will not work in all cases? What is the alternative? Write a program to discuss the same.   [8]

    (b) Write a program that creates two threads. First thread prints the numbers from 1 to 100 and the other thread prints the numbers from 100 to 1.   [8]

8. Design an applet to create a menu bar and pull down menus.   [16]

File	Edit	View
Open	Undo	Normal
New	Cut	Tool bar

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