Code No: R05210301 | **R05** | **Set No. 2**

II B.Tech I Semester Examinations,November 2010
OOPS THROUGH JAVA
Common to ME, MECT, MEP, AME, MMT

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. (a) Why do you use frames?

   (b) Explain the syntax and functionality of different methods related to Frames.
   [4+12]

2. (a) In Java, why finally keyword is necessary in exception handling.

   (b) Explain finally block in exception handling with the help of an example.[4+12]

3. (a) List at least ten major differences between C and Java.

   (b) Compare in terms of their functions, the following pairs of statements:

      i. while and do - while
      ii. while and for

   (c) What is an empty statement? Explain its usefulness.   [4+4+4+4]

4. (a) Explain about final classes,final methods and final variables?

   (b) Explain about the abstract class with example program?   [8+8]

5. (a) What is the difference between equality of objects and equality of objects and equality of references that refer to them?

   (b) What is the difference between a public member and a private member of a class?

   (c) write an application that computes the value of X by using the formula:
   $e^x = 1 + x/1! + x^2/2! + x^3/3! + ...$ [4+4+8]

6. Write short notes on java.io package and java.lang package.   [8+8]

7. Give advantages of swings? Write short notes on swing components. Explain swing package.   [16]

8. Write a program to create a class containing an inner class that itself contains an inner class. Repeat this using static inner classes. Note the names of the .class files produced by the compiler.   [16]

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1

Code No: R05210301 | **R05** | **Set No. 4**

II B.Tech I Semester Examinations,November 2010
OOPS THROUGH JAVA
Common to ME, MECT, MEP, AME, MMT

Time: 3 hours | Max Marks: 80

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

1. (a) Explain about final classes,final methods and final variables?

   (b) Explain about the abstract class with example program? [8+8]

2. Write short notes on java.io package and java.lang package. [8+8]

3. Write a program to create a class containing an inner class that itself contains an inner class. Repeat this using static inner classes. Note the names of the .class files produced by the compiler. [16]

4. Give advantages of swings? Write short notes on swing components. Explain swing package. [16]

5. (a) Why do you use frames?

   (b) Explain the syntax and functionality of different methods related to Frames. [4+12]

6. (a) What is the difference between equality of objects and equality of objects and equality of references that refer to them?

   (b) What is the difference between a public member and a private member of a class?

   (c) write an application that computes the value of X by using the formula:
   $e^x = 1 + x/1! + x^2/2! + x^3/3! + ...$ [4+4+8]

7. (a) In Java, why finally keyword is necessary in exception handling.

   (b) Explain finally block in exception handling with the help of an example.[4+12]

8. (a) List at least ten major differences between C and Java.

   (b) Compare in terms of their functions, the following pairs of statements:

   i. while and do - while
   ii. while and for

   (c) What is an empty statement? Explain its usefulness. [4+4+4+4]

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2

Code No: R05210301 | **R05** | **Set No. 1**

II B.Tech I Semester Examinations,November 2010
OOPS THROUGH JAVA
Common to ME, MECT, MEP, AME, MMT

Time: 3 hours Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
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1. (a) In Java, why finally keyword is necessary in exception handling.

   (b) Explain finally block in exception handling with the help of an example.[4+12]

2. Give advantages of swings? Write short notes on swing components. Explain swing package. [16]

3. Write a program to create a class containing an inner class that itself contains an inner class. Repeat this using static inner classes. Note the names of the .class files produced by the compiler. [16]

4. (a) List at least ten major differences between C and Java.

   (b) Compare in terms of their functions, the following pairs of statements:
      i. while and do - while
      ii. while and for

   (c) What is an empty statement? Explain its usefulness. [4+4+4+4]

5. Write short notes on java.io package and java.lang package. [8+8]

6. (a) Why do you use frames?

   (b) Explain the syntax and functionality of different methods related to Frames. [4+12]

7. (a) Explain about final classes,final methods and final variables?

   (b) Explain about the abstract class with example program? [8+8]

8. (a) What is the difference between equality of objects and equality of objects and equality of references that refer to them?

   (b) What is the difference between a public member and a private member of a class?

   (c) write an application that computes the value of X by using the formula:
   $e^x = 1 + x/1! + x^2/2! + x^3/3! + ...$ [4+4+8]

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3

Code No: R05210301 **R05** **Set No. 3**

II B.Tech I Semester Examinations,November 2010
OOPS THROUGH JAVA
Common to ME, MECT, MEP, AME, MMT
Time: 3 hours Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
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1. (a) In Java, why finally keyword is necessary in exception handling.

   (b) Explain finally block in exception handling with the help of an example.[4+12]

2. Write short notes on java.io package and java.lang package. [8+8]

3. Write a program to create a class containing an inner class that itself contains an inner class. Repeat this using static inner classes. Note the names of the .class files produced by the compiler. [16]

4. (a) Why do you use frames?

   (b) Explain the syntax and functionality of different methods related to Frames.
   [4+12]

5. Give advantages of swings? Write short notes on swing components. Explain swing package. [16]

6. (a) List at least ten major differences between C and Java.

   (b) Compare in terms of their functions, the following pairs of statements:
       i. while and do - while
       ii. while and for

   (c) What is an empty statement? Explain its usefulness. [4+4+4+4]

7. (a) Explain about final classes,final methods and final variables?

   (b) Explain about the abstract class with example program? [8+8]

8. (a) What is the difference between equality of objects and equality of objects and equality of references that refer to them?

   (b) What is the difference between a public member and a private member of a class?

   (c) write an application that computes the value of X by using the formula:
   $e^x = 1 + x/1! + x^2/2! + x^3/3! + \dots\dots$ [4+4+8]

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4