Code No: V0524 $\qquad$ **R07** $\qquad$ SET - 1

II B. Tech II Semester, Supplementary Examinations, April/May - 2013
OBJECT ORIENTED PROGRAMMING
(Com. to CSE, CHEM, IT, ECC)

Time: 3 hours $\hfill$ Max. Marks: 80

Answer any **FIVE** Questions
All Questions carry **Equal** Marks
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1.   a) Explain the following
         i) Abstraction   ii) Encapsulation
     b) Differentiate between method binding and overriding with examples.

2.   a) What are the properties of a constructor? Explain the use of overloaded constructors with the help of an example.
     b) Write a brief note on parameter passing techniques.

3.   a) Explain about the benefits of inheritance.
     b) Write a brief note on Access Specifiers.
     c) Explain about abstract classes.

4.   a) What is Runnable Interface? How can you use this interface in creating interfaces?
     b) Explain about java.io package.

5.   a) What is the difference between checked and unchecked exception.
     b) What is thread priority? How can it be set for thread?

6.   Briefly explain Components of AWT.

7.   a) Differentiate Applet and JApplet with suitable example.
     b) Create an Applet having background color as black and foreground as white.

8.   Write a short note on
         a) Socket
         b) ServerSocket
         c) Datagram Packet

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Code No: V0524 $\qquad$ **R07** $\qquad$ **SET - 2**

II B. Tech II Semester, Supplementary Examinations, April/May - 2013
OBJECT ORIENTED PROGRAMMING
(Com. to CSE, CHEM, IT, ECC)

Time: 3 hours $\qquad$ Max. Marks: 80

Answer any **FIVE** Questions
All Questions carry **Equal** Marks
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1. a) Explain the major differences between procedural and object oriented programming languages.
    b) What are the advantages of OOP? Explain.

2. a) Explain about java buzzwords.
    b) How to declare a class in JAVA? And also explain about Instance variable.

3. a) Explain the usage of super keyword for calling parent class variable.
    b) Can an abstract class have constructors? Explain.
    c) Explain about the use of final keyword.

4. a) How interfaces will be extended? Explain.
    b) Define interface? How to implement interfaces.
    c) Explain about java.util package.

5. a) Explain about user defined Exception? How to create User Defined Exception?
    b) How to set priorities for threads?

6. Explain the following with example
    a) Border Layout
    b) Grid Layout

7. a) Describe the complete life cycle of an Applet.
    b) Explain the different parameters of APPLET tag.

8. Write a short note on
    a) Ports
    b) Proxy server

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Code No: V0524 $\qquad$ **R07** $\qquad$ SET - 3

II B. Tech II Semester, Supplementary Examinations, April/May - 2013
OBJECT ORIENTED PROGRAMMING
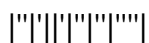(Com. to CSE, CHEM, IT, ECC)

Time: 3 hours

Max. Marks: 80

Answer any **FIVE** Questions
All Questions carry **Equal** Marks
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1. a) What is the need of Object Oriented Programming
   b) Explain about paradigm class hierarchies with examples.

2. a) Java is known as Plat-form Independent language. Justify?
   b) Write a brief note on parameterized constructor.

3. Explain about different forms of inheritance with examples.

4. a) Define package? How package is created and accessed? Give examples.
   b) How to declare variables in interfaces.

5. a) Explain the usage of try, catch and throw.
   b) Explain the NullPointerException with help of example.

6. Compare the different Layout Managers in brief.

7. a) Explain about passing parameters to applets.
   b) Write an Applet that draws a cycle, line and an arc inside the applet visible area.

8. Write a short note on
   a) Addresses
   b) Java.net
   c) Datagram socket

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Code No: V0524 ⬭ **R07** ⬭ ⬭ SET - 4 ⬭

II B. Tech II Semester, Supplementary Examinations, April/May - 2013
OBJECT ORIENTED PROGRAMMING
(Com. to CSE, CHEM, IT, ECC)

Time: 3 hours Max. Marks: 80

Answer any **FIVE** Questions
All Questions carry **Equal** Marks
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1. a) What are the Principles of OOP
   b) Explain about method binding in JAVA

2. Write a short note on static class members.

3. a) Write a JAVA Program to demonstrate the method overriding.
   b) Write short notes on public, private and protected keywords.

4. a) Explain about CLASSPATH.
   b) How to import packages? Explain.
   c) Differentiate between Class and Interface

5. a) What are the applications of Exception handling.
   b) Explain about thread life cycles.

6. Give overview of Java's Event handling mechanism.

7. Explain the following
   a) Creating an Applet
   b) Adding Graphics and Colors to Applet

8. Write a short note on
   a) Client server program
   b) URL
   c) UDP

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