Code No: 07A40591 **R07** **Set No. 2**

II B.Tech II Semester Examinations,April/May 2012
OBJECT ORIENTED PROGRAMMING
Common to CHEM, IT, E.COMP.E, CSE, CSSE

Time: 3 hours **Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

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1. Explain the following terms.
   (a) Inheritance (b) Polymorphism.
   (c) Dynamic binding (d) Message passing. [16]
2. Write short notes on:
   (a) Protocols.
   (b) Sockets.
   (c) Client/Server.
   (d) DNS. [4+4+4+4]
3. (a) Explain why all of the built in java classes are stored in packages?
   (b) Explain how to import a package with an example? [8+8]
4. What does the modifier keyword 'final' mean when applied in a data field declaration. Explain with an example. [16]
5. What is an Object? How can you declare Objects? Explain with an example. [16]
6. Create an applet with two toolbars. One toolbar should be created using JButtons and a separator and another toolbar should be created using 3 custom Action classes. Add one to the north and another to the south sides of border layout. When the user clicks one of the buttons in the toolbar, it will print a message to the console stating that which button is being pressed from which toolbar. Add functionalities to the buttons such as New, Open, Close, Save, Cut, Copy, Paste. [16]
7. (a) Explain the reason of creating a subclass of Frame is preferred over creating an instance of Frame when creating a window.
   (b) Explain the steps in creating a subclass of frame with the help of examples. [8+8]
8. What are the constructors and the methods that are used to allow chained exceptions in java? Explain with a sample program. [16]

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Code No: 07A40591 **R07** **Set No. 4**

II B.Tech II Semester Examinations,April/May 2012
OBJECT ORIENTED PROGRAMMING
Common to CHEM, IT, E.COMP.E, CSE, CSSE

Time: 3 hours **Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

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1. Write short notes on:
   (a) Protocols.
   (b) Sockets.
   (c) Client/Server.
   (d) DNS. [4+4+4+4]
2. Explain the following terms.
   (a) Inheritance (b) Polymorphism.
   (c) Dynamic binding (d) Message passing. [16]
3. What does the modifier keyword 'final' mean when applied in a data field declaration. Explain with an example. [16]
4. What is an Object? How can you declare Objects? Explain with an example. [16]
5. Create an applet with two toolbars. One toolbar should be created using JButtons and a separator and another toolbar should be created using 3 custom Action classes. Add one to the north and another to the south sides of border layout. When the user clicks one of the buttons in the toolbar, it will print a message to the console stating that which button is being pressed from which toolbar. Add functionalities to the buttons such as New, Open, Close, Save, Cut, Copy, Paste. [16]
6. (a) Explain the reason of creating a subclass of Frame is preferred over creating an instance of Frame when creating a window.
   (b) Explain the steps in creating a subclass of frame with the help of examples. [8+8]
7. (a) Explain why all of the built in java classes are stored in packages?
   (b) Explain how to import a package with an example? [8+8]
8. What are the constructors and the methods that are used to allow chained exceptions in java? Explain with a sample program. [16]

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Code No: 07A40591 **R07** **Set No. 1**

II B.Tech II Semester Examinations,April/May 2012
OBJECT ORIENTED PROGRAMMING
Common to CHEM, IT, E.COMP.E, CSE, CSSE

Time: 3 hours **Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

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1. Create an applet with two toolbars. One toolbar should be created using JButtons and a separator and another toolbar should be created using 3 custom Action classes. Add one to the north and another to the south sides of border layout. When the user clicks one of the buttons in the toolbar, it will print a message to the console stating that which button is being pressed from which toolbar. Add functionalities to the buttons such as New, Open, Close, Save, Cut, Copy, Paste. [16]

2. What does the modifier keyword 'final' mean when applied in a data field declaration. Explain with an example. [16]

3. Write short notes on:
   (a) Protocols.
   (b) Sockets.
   (c) Client/Server.
   (d) DNS. [4+4+4+4]

4. What is an Object? How can you declare Objects? Explain with an example. [16]

5. What are the constructors and the methods that are used to allow chained exceptions in java? Explain with a sample program. [16]

6. (a) Explain the reason of creating a subclass of Frame is preferred over creating an instance of Frame when creating a window.
   (b) Explain the steps in creating a subclass of frame with the help of examples. [8+8]

7. (a) Explain why all of the built in java classes are stored in packages?
   (b) Explain how to import a package with an example? [8+8]

8. Explain the following terms.
   (a) Inheritance (b) Polymorphism.
   (c) Dynamic binding (d) Message passing. [16]

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Code No: 07A40591 **R07** **Set No. 3**

II B.Tech II Semester Examinations,April/May 2012
OBJECT ORIENTED PROGRAMMING
Common to CHEM, IT, E.COMP.E, CSE, CSSE

Time: 3 hours **Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

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1. What are the constructors and the methods that are used to allow chained exceptions in java? Explain with a sample program. [16]

2. (a) Explain why all of the built in java classes are stored in packages?
   (b) Explain how to import a package with an example? [8+8]

3. Create an applet with two toolbars. One toolbar should be created using JButtons and a separator and another toolbar should be created using 3 custom Action classes. Add one to the north and another to the south sides of border layout. When the user clicks one of the buttons in the toolbar, it will print a message to the console stating that which button is being pressed from which toolbar. Add functionalities to the buttons such as New, Open, Close, Save, Cut, Copy, Paste. [16]

4. What does the modifier keyword 'final' mean when applied in a data field declaration. Explain with an example. [16]

5. What is an Object? How can you declare Objects? Explain with an example. [16]

6. Write short notes on:
   (a) Protocols.
   (b) Sockets.
   (c) Client/Server.
   (d) DNS. [4+4+4+4]

7. Explain the following terms.
   (a) Inheritance (b) Polymorphism.
   (c) Dynamic binding (d) Message passing. [16]

8. (a) Explain the reason of creating a subclass of Frame is preferred over creating an instance of Frame when creating a window.
   (b) Explain the steps in creating a subclass of frame with the help of examples. [8+8]

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