Code No: **R42028**   **R10** | **Set No. 1** |

IV B.Tech II Semester Supplementary Examinations, April - 2018
OOPS THROUGH JAVA
(Electrical and Electronics Engineering)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1 a) Write a short notes on
        (i)   Polymorphism
        (ii)   Encapsulation   [8]
   b) Write a short note on messages, methods and method binding.   [7]

2 a) Write a short note on type conversion and costing concept with an example program.   [8]
   b) Explain about scope and lifetime of variables in JAVA.   [7]

3 a) Explain member access rules.   [8]
   b) Explain using final with inheritance with an example.   [7]

4 a) What is a package? How to create a package? Explain about access protection in packages.   [8]
   b) How to importing packages? Explain with an example.   [7]

5 a) How do you use try and catch? Explain with an example.   [8]
   b) What is a thread? Explain the concept of a multithreading programming.   [7]

6 a) Differentiate between applet and application? What is secure applet?   [8]
   b) Explain about life cycle of an applet.   [7]

7 a) What is Event delegation model? Explain it. What are the benefits of it?   [8]
   b) Explain the label and button AWT control.   [7]

8 a) Explain about radio buttons with an example.   [8]
   b) Explain about scroll panes with an example.   [7]