

**R07****Code: R7411302**

B.Tech IV Year I Semester (R07) Supplementary Examinations, May 2013

**OBJECT ORIENTED PROGRAMMING**

(Electronics &amp; Control Engineering)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions

All questions carry equal marks

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1. (a) Explain various data types in java. Write at least 8 types with examples for each.  
(b) What is meant by type conversion and type casting? List out the differences between the two.
2. (a) What is an object? Explain how do we create objects in java? Explain with suitable example.  
(b) What are constructors and destructor functions? Explain different types of constructors.
3. (a) Explain the peculiarity of java in providing multiple inheritances.  
(b) List out the differences between method overloading and method overriding.
4. (a) Explain the way of implementing exploration of package using java.io.  
(b) Discuss the various levels of access protection available for package and their implications.
5. (a) Give the list of unchecked exceptions in java with their meaning.  
(b) Explain multithreading by extending thread class. Give an example.
6. What are the methods supported by mouse listener and mouse motion listener interface? Explain each of them with examples.
7. (a) Explain the life cycle of an applet.  
(b) List out the differences between an applet program and application program.
8. Explain the following:
  - (a) String handling.
  - (b) Datagram's.
  - (c) Inet addresses.

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