Code No: **R41047**   **R10**   **Set No. 1**

IV B.Tech I Semester Supplementary Examinations, February/March - 2018
OBJECT ORIENTED PROGRAMMING
(Electronics and Communication Engineering)

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

Answer any FIVE Questions
All Questions carry equal marks
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1	a)	Explain the features of OOPS.	[8]
	b)	What is the difference between overriding and overloading a method?	[7]
2	a)	Explain about type conversion and casting. Give suitable examples.	[5]
	b)	What is Sting Class and String buffer class? How does String class differ from the String Buffer class?	[10]
3	a)	What is inheritance? Explain inheritance features supported in Java.	[7]
	b)	What is polymorphism? Comparison between compile time and runtime polymorphism with the help of complete java program.	[8]
4		Write a program to create an interface containing a static inner class. Implement this interface and create an instance of the inner class.	[15]
5	a)	What is the necessity of exception handling? Explain exception handling taking "divide-by-zero" as an example.	[8]
	b)	What is the use of is alive ( ) and join( ) functions in multithreading?	[7]
6	a)	Explain AWT class hierarchy.	[7]
	b)	Briefly explain the event delegation mechanism in JAVA.	[8]
7	a)	Write a program to create a child frame window from with an applet.	[8]
	b)	List various attributes of Applet tag used in HTML. Explain the purpose of these attributes.	[7]
8	a)	Write short notes on UDP Programming.	[8]
	b)	What is RMI? Explain its architecture.	[7]