Code: 1G145

II B.Tech. II Semester Supplementary Examinations May 2019
Object Oriented Programming Through JAVA
(Common to CSE & IT)

Max. Marks: 70   Time: 3 Hours

Answer any **five** questions
All Questions carry equal marks (**14 Marks** each)
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1.	a)	What is Object oriented paradigm? Explain any three object oriented programming features?	7M
	b)	List out and explain Java Integer and Floating point data types?	7M
2.	a)	Define class and object? Explain the general form of a class with an example?	8M
	b)	Briefly explain java's access specifiers?	6M
3.	a)	Differentiate between classes and interfaces?	7M
	b)	How Interfaces can be extended? Explain with an example?	7M
4.		Write a java program to create a thread 　i)　By extending Thread class 　ii)　By implementing Runnable interface.	14M
5.	a)	Explain Delegation event model.	7M
	b)	Explain any two event classes.	7M
6.		Write a Java applet program to draw lines, rectangles, squares, circles and ovals.	14M
7.	a)	Explain MVC architecture.	7M
	b)	Explain JLabel and JButton.	7M
8.		Write a Java program to implement a simple client/server communication using client and server sockets.	14M

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