## **END TERM EXAMINATION**

FOURTH SEMESTER [B.Tech.] MAY-JUNE-2018

Paper Code: IT-202		Subject: Java Programming	
	Time: 3 Hours	Maximum Mark	cs: 75
	Note: Attempt five questions in all incl	uding O.No 1 which is compu	isory.
-	Select one question		
٠.	The segment of the se		
Q1		cuting commands for a java pro	
	(b) What are Sockets.		(2)
	(c) Explain overriding methods.		(2)
	(d) What are adapter classes?		(2)
	(e) Explain the difference between example.	keywords throw and throws	using (2)
	(f) What are wrapper classes and Ob	iect class?	(3)
	(g) What is Random Access file?		
	Random Access File.	- The second of	(3)
	(h) Write differences between an Appl	ication and an Applet	(3)
	(i) Write differences between abstrac		(3)
	<ul><li>(i) Explain the usage of keyword 'fine</li></ul>	и.	(3)
	UNIT-I		
Q2			
~~	• •	•	
	differences and similarities in diffe		(6.5)
	(b) Briefly explain the characteristics	or java.	(6)
93	Explain the components of JVM. How is sandbox model implemented?[12.5]		
	UNIT-II	,	
<b>n</b> 4			161
Q4	• • • • • • • • • • • • • • • • • • • •	• • •	(6)
	(b) Write an applet to add two numbe	rs and display result.	(6.5)
~	(a) What is an assertion? Fundain t	he Gue lessessed and the	
Ą3	(a) What is an exception? Explain t	ne live keywords used in exce	•
	handling.		(6)
	(b) Write a program to illustrate user	defined exceptions.	(6.5)
	Frances to	•	
~*	UNIT-III		
Qб		it types of layouts.	(6)
	(b) Write a program to illustrate one of	of the layout using five compone	nts. <b>(6.5)</b>
Q7		cycle of a thread.	(6.5)
	(b) Write a program to create three th	reads using runnable interface.	(6)
00	Vi-TINU		
Q8			
	location. Write code for the same.	· · · · · · · · · · · · · · · · · · ·	12.5)
	Miles do por servicio de la	A los Associa	
<b>3</b> 9	What do you mean by driver used	in database connectivity Ex	plain
	different types of drivers used in J	ava Database Connectivity. Wr	ite a
	program to retrieve data from Gracle	database using JDBC connectiv	ity.[12.5