Enrollment No:	Exam Seat No:
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C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name: Java Programming

Subject Code: 5CS02JPL1 **Branch:** M.Sc. (Information Technology)____

Semester: 2 Date: 19/11/2015Time: 10:30To1:30 Marks: 70

Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

SECTION - I

Q-1		Attempt the Following questions	(07)
	a.	What is JDK?	1
	b.	What is java Byte Code?	1
	c.	Difference between Checked and Unchecked Exception	1
	d.	What is Typecasting?	1
	e.	What is recursion?	1
	f.	What is Wrapper class?	1
	g.	What is different between class method and instance method?	1
		Attempt all questions	(14)
	a.	Explain the java oops concepts with examples.	5
	b.	Explain the use of finalize method with example.	5
	c.	Write a program to find out that odd and even number Using Command Line.	4
		OR	
b		Attempt all questions	(14)
	a.	Discuss pass by value and pass by reference in Java with proper example.	5
	b.	What is a Constructor? Different between Method Overload & Method	5
		Overriding.	
	c.		4
	C.	line	7

Q-3		Attempt all questions	(14)
	a.	Discuss about initializer blocks and class initializer blocks.	7
	b.	Explain nested class with suitable examples.	7
		OR	
Q-3		Attempt all questions	(14)
	a.	Explain Access Modifier with suitable example.	7
	b.	What is Package? Write a Step to create package with suitable examples.	7
		SECTION – II	
Q-4		Attempt the Following questions	(07)
	a.	What is Appletviewer?	1
	b.	What is synchronization?	1
	c.	What is a Vector?	1
	d.	What is Super keyword?	1
	e.	What is the difference between setCharAt and insert?	1
	f.	What do you mean by AWT?	1
	g.	What is the different between checkbox and checkbox group?	1
Q-5	Ü	Attempt all questions	(14)
	a.	Explain Buffered Reader and the Buffered Writer Class with examples.	5
	b.	Explain Date and Calendar Class with examples.	5
	c.	Write an Applet program to create Menu for File with Sub Menu bar.	4
		OR	
Q-5	a.	What is Collection Framework? Explain set Interface with example.	5
	b.	Explain the uses of keywords Try, Catch, throw, throws and Finally with example	5
	c.	Write an applet to draw National flag with color.	4
Q-6		Attempt all questions	(14)
Q-0	a.	What is a Thread? Explain Thread life cycle and Thread priority.	7
	b.	What is Layout Manager? Explain FlowLayout, CardLayout and GridLayout with	7
	D.	examples.	,
		OR	
Q-6		Attempt all Questions	
*	a.	What is an Applet? Explain Applet life cycle with examples	7
	b.	Explain Event Delegation Model with example	7

