4	-	7
l		,

Reg. No.:					

Question Paper Code: 59272

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2018

Open elective

Civil Engineering

15UCS972 - PROGRAMMING WITH JAVA

(Common to ECE, EEE, EIE, Mechanical, IT, Chemical)

(Comm	on to ece, eee, e	ie, Mechanicai, II, Chenn	cai)		
	(Regula	ation 2015)			
ation: Three hours			Maximum: 10	00 Marks	
	Answer A	LL Questions			
	PART A - (5x 1 = 5 Marks			
1. Which command is used to compile a Java Program?					
(a) java	(b) javadoc	(c) javac	(d) javad		
Which of this keyword	I must be used to in	herit a class?		CO2- R	
(a) Super	(b) this	(c) extent	(d) extends		
Which keyword is use	d to monitor statem	ent for exception?		CO3-R	
(a) try	(b) catch	(c) throw	(d) throws		
When does Exceptions	s in Java arises in co	ode sequence?		CO4- R	
(a) compilation Time		(b) compilation Time			
(c) can Occur Any Time		(d) none of the mentioned			
Which of these meth String object?	ods of class String	g is used to obtain length	n of	CO5- R	
(a) get()	(b) Sizeof()	(c) lengthof()	(d) doub	le	
	PART – B (5	5 x 3= 15 Marks)			
How to declare variable	le. Give example			CO1-U	
	Which command is used (a) java Which of this keyword (a) Super Which keyword is used (a) try When does Exceptions (a) compilation Time (c) can Occur Any Tin Which of these meth String object? (a) get()	(Regulation: Three hours Answer A PART A - (Which command is used to compile a Jav (a) java (b) javadoc Which of this keyword must be used to in (a) Super (b) this Which keyword is used to monitor statem (a) try (b) catch When does Exceptions in Java arises in compilation Time (c) can Occur Any Time Which of these methods of class String String object? (a) get() (b) Sizeof()	(Regulation 2015) ation: Three hours Answer ALL Questions PART A - (5x 1 = 5 Marks) Which command is used to compile a Java Program? (a) java (b) javadoc (c) javac Which of this keyword must be used to inherit a class? (a) Super (b) this (c) extent Which keyword is used to monitor statement for exception? (a) try (b) catch (c) throw When does Exceptions in Java arises in code sequence? (a) compilation Time (b) compilation Time (c) can Occur Any Time (d) none of the mentioned Which of these methods of class String is used to obtain length String object? (a) get() (b) Sizeof() (c) lengthof() PART - B (5 x 3= 15 Marks)	Answer ALL Questions PART A - (5x 1 = 5 Marks) Which command is used to compile a Java Program? (a) java (b) javadoc (c) javac (d) javad Which of this keyword must be used to inherit a class? (a) Super (b) this (c) extent (d) extends Which keyword is used to monitor statement for exception? (a) try (b) catch (c) throw (d) throws When does Exceptions in Java arises in code sequence? (a) compilation Time (b) compilation Time (c) can Occur Any Time (d) none of the mentioned Which of these methods of class String is used to obtain length of String object? (a) get() (b) Sizeof() (c) lengthof() (d) double PART - B (5 x 3= 15 Marks)	

CO2-R

Compare static constants and final constants.

8.	Exp	lain the methods available under String and String Buffer Class.	CO)3- R	
9.	List	out some advantages of swing components?	CO4- R		
10.	Exp	lain the scanner class in Java.	CO5- U		
		PART – C (5 x 16= 80Marks)			
11.	(a)	Explain in detail about the Program Control Statements.	CO1- U	(16)	
		Or			
	(b)	Program to make for addition, subtraction, multiplication and division using switch case in Java.	CO1- Ana	(16)	
12.	(a)	Develop a program for different types of constructor. Or	CO2- Ana	(16)	
	(b)	What is Package? Give a detailed description for creation of packages in Java with an example.	CO2- Ana	(16)	
13.	(a)	Develop a multithreaded Java Program to generate even and odd numbers.	CO3- Ana	(16)	
		Or			
	(b)	How to declare and initialize a string in java and also discuss the different string handling functions with suitable examples.	CO3- U	(16)	
14.	(a)	Demonstrate JComboBox, JRadioButton, JCheckBox in Java Swing with example for each.	CO4- Ana	(16)	
		Or			
	(b)	Demonstrate Java JButton class with an example of displaying an image on the button.	CO4- Ana	(16)	
15.	(a)	Explain Date and Time methods in Java.util. Class with example. Or	CO5- U	(16)	
	(b)	Write a java program to remove leading and trailing space from string using trim method of Java String class.	CO5-U	(16)	