Registra	ation no:							
Total Nu	ımber of Pa	ges: 03						B.TEC
		emester	JAVA F BRAI Tir Ma Q.0	PROGRA NCH(S): 0 me: 3 Ho x marks CODE: T	MMING SE,IT urs : 70 375	G		
Ansv	ver Question			-	-	_		
Q1 a) b) c) d) e) f)	What is defauled what is Thread signature of the What is Modification them briefly? What is Packade What is inner What is the default what is the default what is the object of the What is Threat is the What is the Object of th	e following It handler ar d priority ar ne method u fiers? How n ge? Describe class? How i atatype of or gnature of a utput of the est c void main(s	g: nd how it dif d mention i sed to set p nany types o e the variou t differs frou utput of reg above ment following pr	ffers from Exits range in judicity of the original or	cception hava? Write read in jav are availab or which pa asses? () method od with ex	andler? e the name va? ble in java ackage is c of java? W kample?	and describe	(2 x 10
h)	What is the oupublic class A { void A() { System.out.pr public station {	intln("Class	A");		justificatio	on?		

new A();

} }

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(2 x 10)

```
Write the condition in which OUTPUT will be A&&B? Justify your answer?
          public void foo(boolean a, boolean b)
           if(a)
          System.out.println("A");
           else if(a && b)
          System.out.println("A && B");
           }
           else {
             if (!b)
          System.out.println( "notB") ;
             else
          System.out.println("ELSE");
           }
          }
         What is the output of the following program with justification?
         class Base
          {
           Base()
          System.out.print("Base");
           }
          public class Alpha extends Base
           public static void main(String[] args)
             new Alpha(); /* Line 12 */
             new Base(); /* Line 13 */
           }
          }
         What is Deadlock? Explain how Deadlock occurs and how it can be
                                                                                           (10)
          resolved using suitable java program?
          Write a java program to implement queue having following functions
                                                                                           (10)
                    > insert
                    > remove
                    > Peek
                    > Check empty
                    Check full
                    Check size
Q4 a) Write a java program to implement quick sort?
                                                                                            (5)
     b) Write a java program to findoutsuareroot of any no without using any
                                                                                            (5)
          built in function like sqrt,powetc?
```

Q2

Q3

Q5	a)	Write a java program to move a ball of size 100*100 from coordinate (0,400) using applet program?				
	b)	What is polymorphism? Explain how overloading is a technique to implement polymorphism? Write a java program to findout area of rectangle, square and circleusing method overloading and constructor overloading?	(5)			
Q6	a)	What is Exception and Exception Handling? Exception are subclass of which class? Write a java program to create your own exception which create insufficient fund Exception whenever any account holder in bank want to withdraw money greater than than what he have in his account?	(5)			
	b)	Define Multilevel inheritance and Interface? How multilevel inheritance is used in interface? Write a java program to findout cost ,weight and volume of a box using multilevel inheritance in interfaces?	(5)			
Q7	a)	What is the difference between string and string Buffer? Write a java program to find multiplication, modulus and division of two numbers using command line arguments?	(5)			
	b)	Write a java program to find GCD and LCM of two numbers using package?	(5)			
Q8	a) b) c) d)	Short Notes on any Two Life cycle method of applet AWT Hierarchy Diffrence between Abstract class and interface Container	(5 x 2)			