1	IT201
	ETI

Enroll.	No.		0.00
Linon.	INO.		

SUPPLEMENTARY EXAMINATION: JULY 2017

	JAVA PROGRAMMING						
Time	e:3 Hrs Maxi	mum Marks :					
Note:	Attempt questions from all sections as directed.						
Sectio	on - A: Attempt any Five questions out of Six. Each question carries 6 marks.	[30 Marks					
(b) W) What is Byte code, Java Virtual Machine and Java Runtime Environment? That is a constructor? Explain its types. Also justify the reason for why construidden	(3 actor can not (3					
Q2.	What are Command-line arguments? How are they useful? Write a program to find number is Armstrong number or not using command line arguments.	whether enter					
Q3.	Write the differences between (a) Applet and an Application (b) Nested Interface and Extended Interface. (c) Suspend() and wait()						
Q4.	Explain the Delegation Model for event handling with the help of suitable example	2.					
Q5.	Develop a thread based program using Runnable interface to demonstrate Multithreading.	the concept					
Q6.	What is Exception handling mechanism? Explain with the help of suitable example. What is the difference between checked and unchecked exception						
Secti	ion - B: Attempt any two questions out of three. Each question carries 10 marks.[2	0 Marks]					
Q7.	Write a program to implement fixed and dynamic stacks using interfaces.						
Q8. ((a) What are the Layout Mangers? Explain any two with example.	(6)					
(b) E	explain the life cycle of an applet.	(4)					
Q9. ((a) Write a program to implement String tokenizer class.	(5)					
(b) D	Discuss various methods within the Thread class? How do we set priorities for thread? Give l	Example. (5)					

Q10. (a) Implement the application:

(s) Marks)

(10)

Create a class Employee. Derive three classes from this class namely Programmer Analyst & Project Leader. Take attributes and operations on your own.

(b) What is an Event and what are Event listeners? Explain Mouse and the Keyboard Events with examples. (5)

SUPPLEMENTARY EXAMIN

(c) Write an applet to draw national flag with colors.

QL (a) What is Byte code, Java Virtual Machine and Java Runtime Environment Que

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Explain the Delegation istastel for even habitally withins the Delegation block ample

Develop a thread based pistrian balog Friendshi-Japanara schalens egrate the

Section - By Attempt any two questions out of three, Each question carries 16 marks [28 Marke]

Write a program to suploment hard and dynamic stacks using interfaces.

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(9) Write a program to lapple awart Serging tolurister class

(b) factors that the exclusion are replan-

What is Exception lengthing mechanism? Explicit with the help of suitable exactly What is the

Section - A : Ariempi say Five questions ******** Civ., Eleca question carries 6 was:

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