



Third Semester MCA Degree Examination, June/July 2018 JAVA Programming

		JAVA	Programming	
Tir	ne: 3	hrs.	M	ax. Marks: 80
		Note: Answer FIVE full questions	s, choosing one full question from each	module.
			, , , , , ,	
1	a. b.	List and explain key attributes of o Explain string Buffer and String Bu		(08 Marks) (08 Marks)
		12.20	OR	
2	a.	Write a JAVA program for matrix		(08 Marks
	b.	With example explain: i) Methods	ii) Constructors.	(08 Marks)
			Module-2	يسير
3	a.	What is inheritance? With example	list the types of inheritance supported in	and the second s
	h	Write notes on: i) Polymorphism	ii) Abstract classes	(08 Marks)
	b.	write notes on. 1) Folymorphism	ii) Abstract classes.	(08 Marks)
			OR	
4	a.	Explain method overloading and co	onstructor overloading with suitable exam	nple. (08 Marks)
	b.	What are super class constructors?	How does super class members are used	in JAVA?
				(08 Marks
			Module-3	
5	a.	What is interface? How does JAVA	A support multiple interfaces? Explain wi	
	b.	What are exceptions? Explain exce	ption handling mechanism with example	(10 Marks)
	0.	what are exceptions: Explain exce	ption handring meenansin with example	c. (06 Marks)
			OR O	
6	a.		ages are created in Java. Explain with sy	ntax. (08 Marks)
	b.	Briefly explain built-in exceptions	in JAVA.	(08 Marks)
_			Module-4	
7	a.		ne benefits of multi threaded program.	(10 Marks)
	b.	Explain: i) values() ii) y	ralueof()	(06 Marks)
			SP OR	
8	a.	Explain the following:	OR	
O	a.	i) notify() ii) notifyall()	iii) wait()	(09 Marks)
	b.	Explain autoboxing and autounbox	, , ,	(07 Marks)
	0.		mg with champier	(07 17111110)
			Module-5	
9	a.	What are URL classes? Explain UF		(08 Marks)
	b.	How does parameters passed in app	olets? Explain with example.	(08 Marks)
			OD	
10	C	What are applete? Evaloin as wellet	OR	(00 N/1 1 -)
10	a. b.	What are applets? Explain complet Write notes on: (i) InetAddress class		(08 Marks)
	U.,	with notes on. (1) metAddress class	os, ii) suchet class.	(08 Marks)

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