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Roll No.		Total No. of Pages: 02
Total No. of Ques	tions: 09	
	MCA (2015 & Onward JAVA PROGRA Subject Code : M.Code : 74	AMMING MCA-304
Time: 3 Hrs.		Max. Marks: 60
and students h	3, C & D contains TWO que ave to attempt any ONE qu	estions each carrying TEN marks each estion from each SECTION. of TEN questions carrying TWENTY
SECTION-A		
Discus method	overloading and overriding in	detail with example. (10)
,	oject Oriented Programming? Java program.	What are silent features of it? Explain the
b) List the diff	erences between Java and C+	-B (3)
3. What is Packag	e? Write a Program in Java to	explain the concept and use of Package. (10)
	arious ways of creating a threallustrate with example.	ead? How synchronization can be added in (10)
SECTION-C		
What is an Ap can be passed t		rom application programs? How arguments (10)
6. a) What is the	use of JDBC? Explain with su	itable examples. (5)
b) What is a S Java.	Swing? Explain the concept ar	nd role of swings briefly with a program in (5)
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SECTION-D

- 7. What is Servlet? Explain different types of servlets with suitable examples. (10)
- Write various methods associated with TCP and UDP sockets. Also differentiate between 8. TCP and UDP sockets. (10)

SECTION-E

- 9. Write short notes on following with help of example/diagram if needed: $(2\times10=20)$
 - a) How are arrays declared in JAVA?
 - b) doPOST method
 - c) JSP
 - d) Method Overriding
 - ons its iRanker.com e) Autoboxing and Unboxing
 - f) Garbage Collection
 - g) User defined Exceptions
 - h) HttpServlet
 - Dynamic Binding
 - j) Java Development Kit

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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