GBGS SCHEME

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1	TUTE	OF ,	Second Semester MCA Degree Every Properties June/July 2010		
18		1	Second Semester MCA Degree Examination, June/July 2019		
Programming using Java					
Ĭ(,	Tim		hrs. Max. Marks	s: 100	
2	Date		Note: Answer FIVE full questions, choosing		
14	-	-	ONE full question from each module.		
9:	BANGA	LOR	Module-1		
of the pages. 50, will be treated as malpractice.	1	a.		Marks)	
alpr		b.		Marks)	
ıs m		c.		Marks)	
ted a				,	
trea	2	0	OR How arrays are defined and initialized in Java? Explain with an example. (08)	Maulta	
be	2	a. b.		8 Marks) 8 Marks)	
will		c.		Marks)	
50,		0.		(Iviai K5)	
-8 =	2		Module-2		
42+8	3	a.) Marks)	
eg,		b.	Explain the following: i) Searching string() ii) Modifying string() iii) toCharArray() (10	Maulus	
itten			i) Searching string() ii) Modifying string() iii) toCharArray() (10) Marks)	
S OII			OR		
ions	4	a.) Marks)	
quat		b.	What is constructer? Explain constructor overloading with an example. (10) Marks)	
or e			Module-3		
ngon nud /	5	a.		Marks)	
v and tor a		b.) Marks)	
arav		C.	What do you mean by static import? (04	Marks)	
compulsorily draw diagonal cross lines on the remaining plank pages, 1, appeal to evaluator and /or equations written eg, $42+8=50$, will be i			OR		
al te	6	a.	How super class constructor and members are called in Java? Explain with an example	le.	
appe		1) Marks)	
		b.	Define package. Explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of package and importing package with an explain the creation of the creation o	Marks)	
wer			Module-4	/ Warks)	
On completing your answers, Any revealing of identification	7	2	What is an exception? Explain the exception handling mechanism with suitable exam	ınle	
your f ide	,	u.		Marks)	
ing i		b.	Explain how to create your own exceptions. Give an example. (10	Marks)	
plet			OR		
On completing your answers, Any revealing of identification	8	a.) Marks)	
^n o		b.	Write a Java program using synchronized threads, which demonstrate producer con	nsumer.	
1.7.			(10	Marks)	
ote :			Module-5		
Z T	9	a.	A 1 Constitute of the Constitute Constitute of the Constitute of t	8 Marks)	
ortai		b.		4 Marks)	
Important Note: 1.		c.	Define Annotation. Explain any four built-in annotations in Java. (08	8 Marks)	
_			OR		
	10	a.	1 .	0 Marks)	
		b.	Write a short note on: i) URL connection ii) Collection interfaces. (10	0 Marks)	