زائد مسامعتاندارده	
on the remaining blank pages.	
n the remaining b	1
onal cross lines Of	ros equantities
nospassions to recovered cross lines on the remaining blank pages.	, appeal to evaluator after or equations
4	, арре

		13MCA42
USN	NCA Dogree	Examination, Dec.2017/Jan.2018

## Fourth Semester MCA Degree Examination, Dec.2017/Jan.2018

## **Advanced Java Programming**

Max. Marks:100 Note: Answer any FIVE full questions. Time: 3 hrs.

			(10 Marks)
1	0	Explain servlet life cycle methods with example.	ith example. (10 Marks)
1	a.	Explain servlet life cycle methods with example. Explain session setAttribute and getAttribute methods w	
	b.	Explain session	(10 Marks)
		Explain Cookie Constructor, addCookie and getCookies	methous. (10 Marks)
2	a.	Explain JSP scriptlet elements.	
	b.	Explain JSP scriptlet element	(10 Marks)
		van Ossa attributès	(10 Marks)
3	a.	Explain JSP @page attributes.	(10 1/14/10)
	b.	Explain JSP predefined variables.	(40 Mawks)
			(10 Marks)
4	a.	Explain JDBC process steps for quering database.	(10 Marks)
•	b.	Explain JDBC process steps  Explain prepared statement with set methods.	
	υ.		(10 Marks)
_		Explain annotation with built-in annotations.	A DI (10 Marks)
5	a.	= 1 1 fite of lava hear and Java boar and	Ari.
	b.		(10 Marks)
		Explain Singleton, stateless and statefull session bean.	(10 Marks
6	a.	Land life CVCIE HIGH OUS	(
	b.	Explain entity bean the oyele many	Threathads (10 Marks
		Write a servlet program to demonstrate GET and POS	1 MP10005.
7	a.	. Write a servlet program to demonstrate and <	sp:include> action tags. (10 Marks
	b.		
		사람이 가장 그 사람들이 얼마를 받는데 얼마를 받았다. 얼마를 받는데 얼마를 받았다. 얼마를 받는데 얼마를 받는데 얼마를 받는데 얼마를 받았다. 얼마를 받았다. 얼마를 받는데 얼마를 받았다. 얼마를 받는데 얼마를 받았다. 얼	
8	ł .	Write short notes on:	(05 Mark
O		ı. HttpServlet	(05 Mark
		IDBC Driver	(05 Mark
		n I amont descriptor	(05 Mark
			Carried Control of the Control of th
	C	d. Container and bean managed possess	Comp.
7 8		* * * *	
			````(\$5)``