Java Bosed Appl. Der.

	SEATIN	J.	
URA	ATION: - 2½ hrs 835161024	MARKS:	:- 75
ote:	- (1) All questions are compulsory.		
	(2) Figures to the right indicate full marks(3) Answer to each question must being on a new page		
Q.1)	Attempt the following (Any 4)		20M
1)	What is constructor? Explain their types.	CO1-U	
2)	Difference between method overloading and method overriding	CO1-A	
3)	Define package in java with example.	CO1-R	
4)	Explain Thread Life cycle.	CO1-U	
5)	Explain Exception Handling in java.	CO1-U	
6)	Write a java program to implement the concepts of	CO1-A	
	inheritance.(Multiple inheritance)		
Q.2)	Attempt the following (Any 4)		20M
1)	What is collection Framework? List it's advantages.	CO2-R	
2)	Write difference between Swing and AWT.	CO2-A	
3)	Explain JText component.	CO2-U	
4)	Explain Event Listener interface.	CQ2-U	
5)	Explain steps to access database using JDBC.	CO2-U	
6)	Explain statement interface along with its methods.	CO1-U	
Q.3)	Attempt the following (Any 4)		20M
1)	Write a short note on Servlet API.	CO3-U	
2)	Explain Life cycle of JSP.	CO3-U	
3)	Write difference between doGet and doPost method.	CO3-A	
4)	Explain class Cookie and their methods.	CO3-U	
5)	Write a short note JSP directives.	CO3-A	
6)	What is JSON? Explain valid JSON data types.	CO1-U	
Q.4)	Attempt the following (Any 5)		15M
1)	What are the features of Java?	CO1-R	
2)	Define inheritance. Explain their types.	CO1-U	
3)	Explain JLabel and their methods.	CO2-U	
4)	Describe JDBC Driver.	CO2-R	
5)	Compare between JSON and XML.	CO3-A	
6)		CO3-U	