

School: School of Engineering and Technology

Program: BCA

Year: 2nd Semester: 4th

Examination: End Semester Examination

Examination year: May-2023

Course Code: CA222 Course Name: J2EE Technologies

 Date:
 17.05.2023
 Total Marks:
 40

 Time:
 10:00 am to 12:00 pm
 Total Pages:
 1

Instructions:

→ Write each answer on a new page.

			Marks	COs*	BTL#
Q.1	Attempt Any four. [4X5]				
	[a]	List various Collections of Spring framework with examples.(any five)	[5]	CO4	2,3
	[b]	Explain different scopes in the context of JSP: session, application,page.	[5]	CO3	2
	[c]	Explain the concept of Dependency Injection and Inversion of Control	[5]	CO4	2
	[d]	Differentiate between createStatement and preparedStatement	[5]	CO2	2,3,4
	[e]	Explain the concept of Object Relational Mapping with an example.	[5]	CO2,	2,3
Q.2	Attempt Any two. [2X10]				
	[a]	Explain different modules of Spring framework in detail.(any five)	[10]	CO4	2,3,6
	[b]	Explain the page directive with an example.	[10]	CO3	2,3,6
	[c]	Write a short note on Servlet Life Cycle	[10]	CO1	2,3

*************End of Question Paper*********