



**KONERU LAKSHMAIAH  
EDUCATION FOUNDATION**  
(Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

**B.Tech - Even Sem : Semester in Exam-II**  
**Academic Year:2020-2021**  
**19CS2107S - Enterprise Programming**  
**Set No: 6**

<b>Time:</b>		<b>Max.Marks: 50</b>					
S.NO	Answer All Questions	Choice	Options	Marks	CO	CO BTL	COI BTL
1.	Explain about Spring IOC ?	choice Q-2		4.5Marks	CO3	3	2
2.	Outline the Spring Frame work architecture and explain about any two modules ?			4.5Marks	CO3	3	2
3.	Develop a Spring Application which must contains Student POJO class with Student Id, Student Name and Student Marks as properties and displayinfo() as method which must display the values of the properties. Create Client Controller class to get the Object of Employee class and call displayinfo() method.	choice Q-4		8Marks	CO3	3	3
4.	Develop a Spring application to implement Object as Non Primitive Type. Consider Employee and Address as POJO Classes			8Marks	CO3	3	3
5.	Answer the following Questions	choice Q-6		12.5Marks	CO3	3	3
5.A.	Explain about Spring MVC Architecture with suitable diagram ?			6Marks	CO3	3	3
5.B.	Build a Spring Application to implement Setter Dependency Injection using BeanFactory.			6.5Marks	CO3	3	3
6.	Answer the following Questions			12.5Marks	CO3	3	3
6.A.	Describe the steps to create Spring with JDBC application to perform CRUD Operations and explain JDBCTemplate class.			6Marks	CO3	3	2
6.B.	Outline the steps to create Spring with Hibernate application and explain HibernateTemplate class ?			6.5Marks	CO3	3	2
7.	Discuss Spring and Spring Boot. Write the advantages of Spring Boot over spring?	choice Q-8		4.5Marks	CO4	3	1
8.	Explain about Spring Boot MVC design pattern and write the flow of the application.			4.5Marks	CO4	3	2
9.	Outline the Steps to create SpringBoot application ?	choice Q-10		8Marks	CO4	3	2
10.	Demonstrate the Spring Boot Architecture and explain any two layers ?			8Marks	CO4	3	2
11.	Answer the following Questions	choice Q-12		12.5Marks	CO4	3	3
11.A.	Describe the steps to create SpringBoot Dependency Injection Application ?			6Marks	CO4	3	2

11.B.	Buidl an application for SpringBoot Dependency Injection ?			6.5Marks	CO4	3	3
12.	Answer the following Questions			12.5Marks	CO4	3	3
12.A.	List out the Steps to create Springboot Application by using Spring Tool Suite (STS) IDE?			6Marks	CO4	3	1
12.B.	Develop an application for Spring Boot "Hello World! " Example ?			6.5Marks	CO4	3	3

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