

Q. No.	SECTION C (6 x 5 =30)	CO	KL
16.	a) List the types of JDBC drivers and explain with neat diagrams. <p style="text-align: center;">(OR)</p> b) Define a well-formed XML document and explain its rules with an example.	CO1	K1
17.	a) List any four LayoutPanels of JavaFX and explain with example. <p style="text-align: center;">(OR)</p> b) Explain event handling in JavaFX with suitable example.	CO2	K2
18.	a) Illustrate the use of key JavaFX packages in developing a simple JavaFX application with suitable example. <p style="text-align: center;">(OR)</p> b) Demonstrate the use of TableView and TreeView controls in a JavaFX application with syntax and example.	CO3	K3
19.	a) Explain the basics of CSS used for styling JavaFX controls. <p style="text-align: center;">(OR)</p> b) Illustrate the use of CSS selectors in a student portal.	CO3	K3
20.	a) Compare and contrast Servlets with other server-side scripting technologies. <p style="text-align: center;">(OR)</p> b) Analyze the working of inter-servlet communication using the RequestDispatcher interface. Explain the differences between forward () and include () with suitable example.	CO4	K4
21.	a) Analyze the JSP lifecycle and compare it with the Servlet lifecycle. <p style="text-align: center;">(OR)</p> b) Examine the use of JSP scripting elements in a real-world application and discuss their advantages and limitations.	CO4	K4
