

SECOND SESSIONAL EXAMINATION, EVEN SEMESTER, (2024-2025)

Branch: COMPUTER SCIENCE & ENGINEERING

Time – 2Hr

NOTE : (Attempt All Sections)

Maximum Marks – 45

1. Attempt all questions in brief.

QN	QUESTION	Marks	CO	BL
a.	What are JavaScript objects?	2	CO3	L2
b.	How are forms used in JavaScript?	2	CO3	L1
c.	What is the purpose of the URL class in Java?	2	CO3	L1
d.	Compare Java and Java Script?	2	CO3	L2
e.	What are datagrams in networking?	2	CO3	L3
f.	Create object in Java script?	2	CO3	L3

2. Attempt Any ONE of the following.

QN	QUESTION	Marks	CO	BL
a.	Explain the working of AJAX along with its application. Mention a suitable example.	5	CO3	L3
b.	Design a Java Script program to display the current day and time in the following format. Today is: Friday Current time is: 11 AM: 50:58	5	CO3	L3
c.	Compare TCP/IP Server Sockets and Datagram Sockets.	5	CO3	L3

3. Attempt all questions in brief.

QN	QUESTION	Marks	CO	BL
a.	What are callbacks in Node.js?	2	CO4	L2
b.	What is an Entity Bean?	2	CO4	L1
c.	What is the purpose of the REPL terminal in Node.js?	2	CO4	L2

d.	Write down the properties of JavaBeans?	2	CO4	L3
e.	What are the disadvantages of EJB?	2	CO4	L1
f.	What is the role of EJB Container?	2	CO4	L1

4. Attempt Any **ONE** of the following.

QN	QUESTION	Marks	CO	BL
a.	Differentiate between Statefull and Stateless Session Bean	5	CO4	L3
b.	Discuss EJB and its architecture. Explain characteristics of Java Bean with example.	5	CO4	L3
c.	What do you mean by Node.Js Events and how do they work.	5	CO4	L3

5. Attempt all questions in brief.

QN	QUESTION	Marks	CO	BL
a.	How is an HTTP GET request handled in servlets?	2	CO5	L2
b.	Compare doGet() and doPost() method?	2	CO5	L2
c.	Differentiate between JSP and Servlet?	2	CO5	L2
d.	What is the purpose of the HttpSession class?	2	CO5	L3
e.	Describe Java Servlets?	2	CO5	L2
f.	What is a cookie in servlets?	2	CO5	L2

6. Attempt Any **ONE** of the following.

QN	QUESTION	Marks	CO	BL
a.	Explain types of Servlet. Write down the steps to execute the Servlets.	5	CO5	L3
b.	Explain the life cycle of Servlets. How its lifecycle is different from the life cycle of JSP?	5	CO5	L3
c.	JSP is an extension of Servlets not replacement, Justify? What problems of Servlets technology can JSP is suppose to solve?	5	CO5	L4

Bloom's Taxonomy Level (BL):-

Remember(L1),

Understanding(L2),

Apply(L3),

Analyze(L4),

Evaluating(L5),

Creating(L6)