5th Semester B.Tech. End Term Examination 2020-2021

ADVANCED JAVA PROGRAMMING(18CS2T24)

Duration: 03:00   Full Marks: 60

1 Answer All

a	Default port of apache HTTP server and java based webserver	1
b	What is DTD?	1
c	Explain Request Header	1
d	What are the different way one can process HTML Form?	1
e	What do JSP literals consist of?	1
f	How can I prevent the output of my JSP or Servlet pages from being cached by the browser?	1
g	What is EJB? What are the types of Enterprise Bean?	1
h	What is singleton session bean?	1
i	What are the major advantages of Hibernate Framework?	1
j	How to send and receive email using JavaMail API ?	1

2 Answer All

a	Write the HTML Structure of the below template.	3

Header	
Menu1	Body
	Footer

b	GenericServlet Vs HttpServlet	3
c	Which directive is used in JSP custom tag?	3
d	Write down the steps for the creation of stateless EJB.	3
e	What are the advantages of using Hibernate over JDBC?	3

3 Answer any One

a	Why CSS is used? How CSS can be used? Give an example of each type of use.	7
b	Explain different JDBC driver types used? Write down the steps of database connectivity using a java program.	7

4 Answer any One

	a	Design a calculator using the Servlet program having functionality(add, sub, mul, div) and display the output.	7
	b	Explain the servlet life cycle with an example	7
5		***Answer any One***	
	a	Explain JSP Life cycle.	7
	b	Create a custom tag using JSP to create a table with number of rows and column, the row and column value should be dynamically passed from JSP page.	7
6		***Answer any One***	
	a	Explain Model-1 and Model-2 Architecture	7
	b	Write a program to save login credential using EJB stateful.	7
7		***Answer any One***	
	a	Write a JSP to create and read cookie named "endTerm" that stores the value "CSE2020" and display in another page.	7
	b	How do you connect to the database from JSP page? Write a program to insert three values as sic,name, and branch to a student table.	7