

Code No: 155DM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B. Tech III Year I Semester Examinations, March - 2024****WEB PROGRAMMING****(Common to IT, CSIT)****Time: 3 Hours****Max. Marks: 75****Note:** i) Question paper consists of Part A, Part B.

ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.

iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART – A**(25 Marks)**

- 1.a) Write the advantages of JavaScript Functions. [2]
- b) Differentiate Java script For and While loops. [3]
- c) What is the use of Utility class? [2]
- d) Mention the types of Inheritance in Java. [3]
- e) What is Java InetAddress class? [2]
- f) What are the main characteristics of JavaBean from other Java classes? [3]
- g) What is Grid layout? [2]
- h) Write about the JSP scripting elements. [3]
- i) What are Web resources? [2]
- j) Write the features and advantages of XML? [3]

PART – B**(50 Marks)**

- 2.a) Write about JavaScript String Object.
 - b) Discuss about JavaScript loops. [4+6]
- OR**
- 3.a) Write about Navigator object in Java Script.
 - b) How do you add JavaScript code to html? Explain the steps. [3+7]
- 4.a) What is an Unchecked exception? Give one example.
 - b) Write a program in java to take input as marks if it is less than 50 generate arithmetic exception otherwise print "PASSED"? [3+7]
- OR**
- 5.a) List the advantages of Java Multithreading.
 - b) Write a java program to print the even and odd numbers using the two threads. [3+7]
- 6.a) What is the purpose of Driver Manager class? Write two methods of it.
 - b) What is a Prepared Statement? Why is it required? [5+5]
- OR**
- 7.a) Write the steps to implement RMI application.
 - b) Explain various types of socket in Java. [4+6]

- 8.a) Discuss about Lifecycle methods of Java Applet.
b) Explain various types of containers in Java AWT. [5+5]

OR

- 9.a) What is a Cookie? How it works? Explain various types of cookies.
b) Write the advantages and disadvantages of Cookies. [7+3]

- 10.a) What is XSLT? Explain the usage of <xsl:if> and <xsl:for-each> elements.
b) Write about XML elements and its attributes. [5+5]

OR

- 11.a) What is UDDI? Explain briefly.
b) What do you mean by WSDL? Discuss briefly. [5+5]

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Papers March-2024