

R18

Code No: 155DM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, March - 2024

WEB PROGRAMMING
(Common to CE(SE), CSE(DS), AI&ML)

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 about HTML script tag. [2]
- b) Discuss about Inline and Internal CSS. Write the differences between them. [3]
- c) What is Multilevel Inheritance? Give one example. [2]
- d) Define Interface. What is the relationship between classes and interfaces? [3]
- e) What is RMI? Differentiate between Stub and Skeleton RMI objects in Java. [2]
- f) What are CRUD operations in JDBC? [3]
- g) Why AWT is platform independent? [2]
- h) What is an Applet? Write its advantages and disadvantages. [3]
- i) Write the purpose of DTD. [2]
- j) What is XSLT? How it Works? [3]

PART - B

(50 Marks)

- 2.a) How do you create Strings in JavaScript? Explain substr() and substring() JavaScript string Methods.
- b) Discuss about add EventListener() method in JavaScript. [6+4]

OR

- 3.a) Write about HTML image and form element and their attributes.
- b) What is a hyperlink? How do you create it in HTML? Explain. [6+4]

- 4.a) Explain Parameterized and Copy Constructors in Java.
- b) What is the purpose of Constructor? Write the difference between constructor and method in Java. [6+4]

OR

- 5.a) Explain join() and sleep() methods in Java Threads.
- b) What is Multi-threading? How do you assign Thread priorities in Java? Explain. [5+5]

- 6.a) What is Java Networking? Explain various types of Sockets in Java.
- b) Write about IP Address, MAC address and Port number. [6+4]

OR

- 7.a) Write about Statement and Prepared Statement in JDBC.
- b) Explain about Driver Manager and ResultSet in JDBC. [5+5]

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8. What is a Session? Explain various Session Tracking Techniques with examples. [10]

OR

9.a) Explain various JSP Directive elements.

b) Write a JSP code that prints current time using JSP expression tag. [5+5]

10.a) Explain UDDI and WSDL webservice components.

b) Write the features of Web Services. [5+5]

OR

11.a) Write the major differences between HTML and XML.

b) Write about XSLT elements xsl:value-of and xsl:if. [5+5]

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