R18

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year I Semester Examinations, March - 2021
WEB PROGRAMMING
(Information Technology)

Time: 3 Hours   **Max. Marks: 75**

Answer any five questions
All questions carry equal marks
- - -

1.a)   What is Java Script? Explain control structures in Java Script with examples.
  b)   Define Object, Properties, methods, events of Java Script.   [7+8]

2.a)   What are the special characteristics of Java, which makes it distinct from other languages.
  b)   How many ways are possible in java to create multiple threaded programs? Discuss the differences between them?   [8+7]

3.a)   Give overview of JDBC. Explain how to handle database queries with JDBC.
  b)   Explain about properties of Java Beans.   [7+8]

4.a)   What is the need of session tracking? Explain different methods of session tracking.
  b)   Write a session tracker that tracks the number of accesses of a particular web page.
                                                                                    [7+8]

5.a)   Explain the web services life cycle with neat sketch.
  b)   Explain the anatomy of Web services description language.   [7+8]

6.a)   Explain the operations of Java Script.
  b)   Explain about the basic HTML tags with an example.   [7+8]

7.a)   How exceptions are handled in Java using try, catch, throw, throws and finally? Explain.
  b)   Write a detailed note on how Input/Output (I/O) is handled in Java. Also, explain how to read and write files in Java.   [7+8]

8.   Explain about the different types of JDBC drivers with an example.   [15]

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