

**Gokaraju Rangaraju Institute of Engineering and Technology**

**(Autonomous)**

**III B. Tech I Semester Mid -II Examination**

**WEB PROGRAMMING**

**(Common to IT&DATA SCIENCE) Date:**

**Time: 90 Minutes Max Marks: 15**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Answer ALL questions. All questions carry equal marks  3 \* 5 = 15 Marks | | | | | |
| Q.No | Questions | Marks | CO | BL | PI |
| 1. | Create a simple HTML page with 2 input fields firstname, lastname. Pass them to servlet in which verify all input fields are not empty and display welcome message with the name of the user. Code all the needed pages for the application. | [ 5] | 3 | 2 | 5.1.1 |
| OR | | |  |  |  |
| 2. | What are Initialization Parameters? Design a Web Application to read and display these initial parameters using a Servlet program | [ 5] | 3 | 3 | 5.1.1 |
|  |  |  |  |  |  |
| 3. | a) Explain about exception handling and debugging in JSP  b) Elaborate about implicit objects supported in JSP | [ 3]  [ 2] | 4 | 5 | 1.3.1 |
| OR | | |  |  |  |
| 4. | Create an application for deploying Java Beans in JSP page | [ 5] | 4 | 4 | 1.3.1 |
|  |  |  |  |  |  |
| 5. | Create an application using servlet for displaying the registration details (username, password, email, phone number) using registration database | [5] | 5 | 5 | 3.2.1 |
| OR | | |  |  |  |
| 6. | Develop a Web Application using JSP to display the details of all employee’s whose salary is greater than Rs 35000/- using Prepared Statement | [5] | 5 | 3 | 2.4.1 |



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**III B. Tech I Semester Mid -II Examination**

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**NAME: Roll. No: Date:**

**Time: 10 Minutes Max Marks: 10\*1/2=5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Answer all Objective Questions. All questions carry equal marks | | | | | |
| Q. No | Questions | Option | CO | BL | PI |
| 1 | \_\_\_\_\_\_class allows state information to be stored on a client machine.  a) Http Units b) HttpServlet c) HttpSessionBinding Event d) cookie | [ d] | 3 | 2 | 5.4.1 |
| 2 | Which class provides methods to handle HTTP requests and responses.  a) HttpSession b) HttpServlet c) HttpUtils d) HttpServer | [ d] | 3 | 2 | 5.41 |
| 3 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_type of specifier is in jsp page directive attribute.  (a) MIME type (b) JPEG type (c) MPEG type (d) ZIP type | [ a] | 4 | 2 | 5.4.1 |
| 4 | What does JSP stands for?  [A) Java Service Programming](javascript:void(0);) [B) Java Server Programming](javascript:void(0);)  [C) Java Service Pages](javascript:void(0);) [D) Java Server Pages](javascript:void(0);) | [ d] | 4 | 2 | 2.4.1 |
| 5 | Which objects are instances of classes defined by the Servlet of JSP specifications  a) Implicit b) explicit c) internal d) external | [ a] | 4 | 1 | 2.4.1 |
| 6 | What is default value of autoFlush Attribute?  a) True [b) false](javascript:void(0);) c) both d) none | [ a] | 4 | 1 | 3.2.1 |
| 7 | Which of the following is used to call stored procedure? a) Statement b) PreparedStatement c) CallableStatment  d) CalledStatement | [ c] | 5 | 2 | 2.4.1 |
| 8 | Which JDBC driver Type(s) can be used in either applet or servlet code? a) Both Type 1 and Type 2 b) Both Type 1 and Type 3 c) Both Type 3 and Type 4 d) Type 4 only | [ c] | 5 | 2 | 2.4.2 |
| 9 | How many JDBC driver types does Sun define? a) One b) Two c) Three d) Four | [d] | 5 | 3 | 3.2.1 |
| 10 | Which of the following is used to rollback a JDBC transaction? a) rollback () b) rollforward() c) deleteTransaction()  d) RemoveTransaction() | [ a] | 5 | 2 | 3.2.2 |