



Name:

Enrolment No:

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, December 2022**

**Program: BBA-DM**

**Semester: V**

**Subject/Course: Web Design & Development**

**Max. Marks: 100**

**Course Code: DSIT2010P**

**Duration: 3 Hour**

**SECTION A**  
**10Qx2M=20Marks**

| S. No. |   | Marks | CO  |
|--------|---|-------|-----|
| Q 1    | Statement of question                                   |       | CO1 |
| 1)     | What is World Wide Web?                                 |       | CO1 |
| 2)     | What is HTML?   |       | CO1 |
| 3)     | What are lists?   |       | CO1 |
| 4)     | What is CSS?  |       | CO1 |
| 5)     | What is Javascript?                                     |       | CO1 |
| 6)     | Why is colspan & rowspan used for in Table tag in HTML? |       | CO1 |
| 7)     | Differentiate between Tag & Element.                    |       | CO1 |
| 8)     | List 5 HTML Tags with example.                          |       | CO1 |
| 9)     | What is form tag used for in HTML?                      |       | CO1 |
| 10)    | What are different types of CSS?                        |       | CO1 |

**SECTION B**  
**4Qx5M= 20 Marks**

| Q  | Statement of question   |  |     |
|----|---|--|-----|
| 1) | Write JavaScript Code to check whether the entered number by the user is even or odd. |  | CO2 |
| 2) | Explain GET & POST methods of HTTP protocols.   |  | CO2 |
| 3) | Discuss the concept of id & class selector in CSS with suitable example.              |  | CO2 |
| 4) | What are JavaScript datatypes? List them along with their features.                   |  | CO2 |

**SECTION-C**  
**3Qx10M=30 Marks**

| Q   | Statement of question   |            |                     |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
|---|---|------------|---------------------|--------|-----------------|--|--|------------|---------------------|---------------|--|------------|---------------|------------------|--|------------|--------------|--|--|
| 1)  | Explain CSS Box Model with suitable diagram & example.  |            | <b>CO2</b>          |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
| 2)  | Write an HTML code for uploading Multiple Choice Questions for an online quiz. Also draw the Webpage Layout for the form that you will design.  |            | <b>CO3</b>          |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
| 3)  | Using JavaScript makes any webpage more efficient in comparison to contemporary programming- Justify this by taking suitable example?   |            | <b>CO3</b>          |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
| <b>SECTION-D</b><br><b>2Qx15M= 30 Marks</b> |   |            |                     |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
| Q   | Statement of question   |            | <b>CO4</b>          |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |
| 1)  | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Name</th> <th style="width: 30%;">Email</th> <th style="width: 20%;">Mobile</th> <th style="width: 30%;">Country Visited</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;"><a href="mailto:munish123@gmail.com">munish123@gmail.com</a></td> <td style="text-align: center;">8790456712</td> <td style="text-align: center;"><i>South Africa</i></td> </tr> <tr> <td><b>Munish</b></td> <td style="text-align: center;"><a href="mailto:munish.panwar@rediffmail.com">munish.panwar@rediffmail.com</a></td> <td style="text-align: center;">3456097651</td> <td style="text-align: center;"><i>France</i></td> </tr> <tr> <td><b>Shreshtha</b></td> <td style="text-align: center;"><a href="mailto:shreshtha007@hotmail.com">shreshtha007@hotmail.com</a></td> <td style="text-align: center;">7890876535</td> <td style="text-align: center;"><i>India</i></td> </tr> </tbody> </table> <p>Design this HTML page and apply CSS on mobile number to change the color of text, create hyperlink to email, Name &amp; Country field should be in bold and italic in style respectively.</p> | Name       | Email               | Mobile | Country Visited |  | <a href="mailto:munish123@gmail.com">munish123@gmail.com</a> | 8790456712 | <i>South Africa</i> | <b>Munish</b> | <a href="mailto:munish.panwar@rediffmail.com">munish.panwar@rediffmail.com</a> | 3456097651 | <i>France</i> | <b>Shreshtha</b> | <a href="mailto:shreshtha007@hotmail.com">shreshtha007@hotmail.com</a> | 7890876535 | <i>India</i> |  |  |
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| 2)  | What is the significance of Client-Server Architecture? Explain. Also explain the relationship between internet & web. Describe the various services of the internet. How have these impacted the daily life of people? Explain.  |            |                     |        |                 |  |  |            |                     |               |  |            |               |                  |  |            |              |  |  |