Graphic Era
HILL UNIVERSITY
Established by an Act of the State Legislature of Uttarakhand (Adhiniyam Sankhya 12 of 2011)
University under section 2(f) of UGC Act, 1956

Term Evaluation (Even) Semester Examination March 2025

Roll no.............................

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Name of the Course: Diploma CS
Semester: 6th
Name of the Paper: Web Technology
Paper Code: DTCS-602
Time: 1.5 hour

Maximum Marks: 50

Note:
   (i)   Answer all the questions by choosing any one of the sub-questions
   (ii) Each question carries 10 marks.

Q1.   (10 Marks) CO 1
a.   Explain the basic concepts of the Internet and the World Wide Web (WWW). Discuss their differences.

OR

b.   What is the basic structure of an HTML document? Explain important HTML tags and their attributes with examples.

Q2.   (10 Marks) CO 1
a. Differentiate between Web Page, Home Page, and Website. Explain Static, Dynamic, and Active Web Pages with examples.

Or

b. Explain text formatting tags in HTML with examples.

Q3.   (10 Marks) CO 1
a.   What are Internet Protocols? Explain SMTP, Gopher, Telnet, TFTP, SNMP, and HTTP.

OR

b.   Define Hypertext, Hyperlink, and Hypermedia. How are they implemented in HTML?

Q4.   (10 Marks) CO 2
a.   Explain Client-Server Computing with a neat diagram. Why is it important?

OR

b.   Explain Tables, Frames, Forms, and Style Sheets in HTML with examples.

Q5.   (10 Marks) CO 2
a.   Compare HTML 4 and HTML 5. What are the new features introduced in HTML 5?

OR

b. Explain the different types of Lists in HTML. Provide examples.