

B. A./ B. Sc./ B. COM DEGREE EXAMINATION - MARCH 2026
UGP(HONS.) SEMESTER 4: DISCIPLINE SPECIFIC COURSE
COURSE: 24UCAPDSC209 - INTERNET AND WEB TECHNOLOGIES

(For Regular 2024 Admission)

Time : 1.5 Hours

Max. Marks : 50

PART - A

Answer any 5 Questions.

1. List any two benefits and two drawbacks of the Internet. (U,CO1)
2. List the four functions of Bridge in a computer network. (U,CO1)
3. Differentiate between World Wide Web and Internet. (An,CO1)
4. Differentiate between crawler based and Human powered search engine. (An,CO1)
5. Scenario - A multinational company has offices located in different cities across a country. Employees must access shared databases and corporate applications securely from all locations. Choose the most suitable network classification for this organization and justify your selection based on geographical coverage and connectivity needs. (A,CO1)
6. List two purposes of forms and any two client-side data collection features associated with forms. (U,CO2)
7. List two tags deprecated in HTML5. (R,CO2)

(2 x 5 = 10)

PART B

Answer any 4 Questions.

8. Define FTP and explain its types and working process in detail. (U,CO1)
9. Explain the Domain Name System in detail, including its working mechanism and types. (U,CO1)
10. Discuss any five types of topology. (U,CO1)
11. Explain Semantic tags in detail. (U,CO2)

12. Explain the following tags with suitable examples.
- a) Heading tags
 - b) Paragraph tags
 - c) Bold text
 - d) Strong text
 - e) Highlights text
- (U,CO2)
13. Write the HTML code to get the following. (A,CO3)

Lab 1 — Basic Text Formatting

This sentence shows **bold**, **strong**, *italic*, *emphasized*, underlined, and ~~striketrough~~ text.

Also combine styles: ***bold + italic*** and ***strong + emphasized***.

Chemical formula: Water is H₂O.

Mathematics: $x^2 + y^2 = z^2$

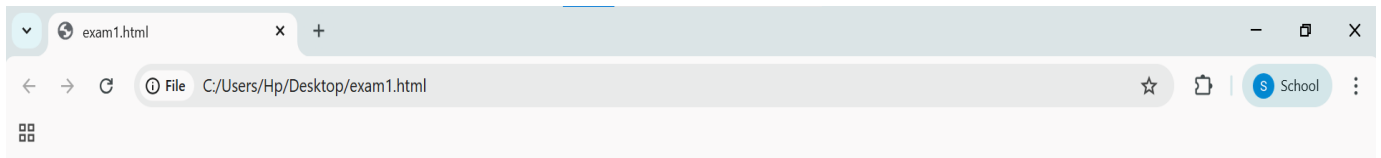
Footnote example: This is a term¹. ¹ Footnote text shown here.

(5 x 4 = 20)

PART - C

Answer any 2 Questions.

14. Discuss the different types of computer networks based on geographical area and ownership. (U,CO1)
15. a) Define HTML and Tags .
b) Discuss in detail various types of tags with suitable examples each. (U,CO2)
16. a) Give the general syntax of style tag.
b) Explain the following styling properties
- i) Color & background properties
 - ii) Border properties
 - iii) Spacing properties
 - iv) Size properties
- c) Write a HTML code with the required styling to get the following output. (C,CO3)



Styled Page

Welcome!

This is a simple page.

2024 Styled Page

(10 x 2 = 20)

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Marks.
CO1	Describe the fundamentals of computer networks and Internet.	An	1,2,3,4,5,8,9,10,14	35
CO2	Illustrate basic HTML tags for webpage designing.	A	6,7,11,12,15	24
CO3	Design websites using HTML tags.	C	13,16	15

Cognitive Level (CL): C - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;