

5TH SEM./AI & ML./CS & E./IT./2024(W)

TH2 Internet & Web Technology

Full Marks: 80

Time- 3 Hrs

Answer any five Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
 - a. Define Internet and World Wide Web.
 - b. Write the simple structure of HTML document.
 - c. Define internet addressing.
 - d. Write down the difference between cell spacing and cell padding.
 - e. Name the two java script functions that convert strings to numbers. How do you give the function a string value to convert to a number?
 - f. What is javascript DOM?
 - g. What is the use of MAC address in connecting a computer to internet?
 - h. What is CSS?
 - i. Name two server side scripting languages.
 - j. What is DNS?
2. Answer **Any Six** questions 5 x 6
 - a.
 - i. What is the role of ISP? 1 x 5
 - ii. Mention different types of connectivity.
 - iii. What is botnet?
 - iv. What is X.509?
 - v. What is the difference between HTTP&HTTPS?
 - b. Differentiate between internet & intranet.
 - c. Define scripting. Write down the advantages of scripting languages.
 - d. Compare POP & IMAP.
 - e. Define website. Classify different types of website.
 - f. Explain how SSL works.
 - g. Define URL? How a URL is structured? Describe different parts of URL.

Answer **Any Three** questions
3. Define original classful addressing scheme. State the different forms of IP address. How it is different from classless addressing scheme. 3+3+4
4. Define E-mail. Explain the format of an E-mail message. 2+8
5. Write a program in javascript to calculate the factorial of a number. 10
6. Define HTML. Discuss different HTML tags with example. Explain the disadvantages of HTML. 10
7. Define array in PHP. Classify the types of array in PHP with example. 2+8