

2025

INFORMATION TECHNOLOGY

(Discipline Specific Core)

Paper Name: Internet and Web Technology

Paper Code: **BIT-DSC-146**

Full Marks: 45

Time: Two Hours

(The figures in the margin indicate full marks for the questions)

Answer in English

1. Answer the following questions : 1x4=4

- a) What is FTP ?
- b) Define the computer network.
- c) Who invented World Wide Web ?
- d) In which form a HTML document file is stored ?

2. Answer any three of the following questions : 2x3=6

- a) What is Web browser ?
- b) Name two protocols used in email services.
- c) What are the data types in Javascript ?
- d) What do you mean by paired tags in HTML?

3. Answer any three of the following questions : 5x3=15

- a) Make a comparison between the *OSI* and the *TCP/IP* model.
- b) What are the various types of Firewalls available ?

- c) Make a brief note on commerce on the internet.
- d) What is internet security ? Define it in relation to computer security and the specific challenges of the internet.
- e) How to create a table in HTML document? Explain with example.

4. Answer any two of the following questions : 10x2=20

- a) Write a javascript code to retrieve the values from two textboxes in an HTML document and display the sum of it.
- b) How to connect PHP with MySQL database ? Write the code needed for connection.
- c) Write short note on *(any two)*
 - i) Client Side vs. Server Side Scripting
 - ii) Lists in HTML
 - iii) Internet Security
