**Subject: Web Programming**                                   **FY.BSC(IT)(Sem II) (2.5 hr)**

**Note: All the questions are compulsory.**                          **75 Marks**

**1. Attempt any three of the following:**                                          **15**
a. Write a short note on ISP and Web browser.
b. Explain different approaches to style sheets.
c. List and explain important applications of internet in brief.
d. Explain Structure of HTML Program?
d. How hyperlinks are created in HTML? Explain with the help of an example.
e. What is search engine? Explain its working.
f. Explain Internal and External linking of css.

**2. Attempt any three of the following:**                                          **15**
a. What is image map? Write the difference between client-side and server-side image mapping.
b. Write the How to Merge Table in HTML.
c. Write HTML code for embedding an audio and video in a web page.
d. Explain the semantic tags of HTML5.
e. Explain Navigation Tag.
f. Explain <FORM> tag with the help of suitable example.

**3. Attempt any three of the following:**                                          **15**
a. Differentiate between client side and server side JavaScript.
b. Write a JavaScript program to display all the prime numbers between 1 and 100.
c. List and explain the methods of string object of JavaScript.
d. Explain the following operators of JavaScript:
(i) new (ii) delete (iii) this (iv) void (v) ,(Comma)
e. Explain regular expression in JavaScript.
f. Define events and event handlers. List various types of mouse event.

**4. Attempt any three of the following:**                                          **15**
a. Write the difference between GET and POST methods in PHP.
b. Explain different types of arrays available in PHP.
c. Write a PHP program to demonstrate the use of different string functions.
d. Explain error handling in PHP.
e. Write a short note on variables in PHP.
f. Write a PHP program to create one dimensional array.

**5. Attempt any three of the following:**                                          **15**
a. How to open and close a connection to MySQL Database Server?
b. Explain any five PHP/MYSQL functions with example.
c. Write a PHP program to send email with attachment.
d. How to start and destroy a session and how to store a session variable in PHP?
e. Write a short note on regular expressions in PHP.
f. Explain PHP mail() function in details.