

NTK/KW/15 –5991

**First Semester Bachelor of Science B. Sc.
(IT) Examination**

Paper - IV

WEB TECHNOLOGIES

Time : Three Hours]

[Max. Marks : 50

- N. B. : (1) All questions are compulsory.
(2) Illustrate your answers wherever necessary with the help of neat sketches.
(3) All questions carry equal marks.

EITHER

1. (a) What is a web Browser ? Discuss the web browsers generally used. 5
- (b) Explain secure transactions. Also write privacy issues for internet security. 5

OR

- (c) Explain computer crimes and its types. 5
- (d) Write short notes on :—
 - (i) Firewall.
 - (ii) Encryption and decryption. 5

EITHER

2. (a) What is HTML ? Write the advantages and disadvantages of HTML. 5
- (b) Explain the character formatting tags. 5

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Contd.

OR

- (c) Explain the following HTML tags :—
- | | |
|---------------|-------------|
| (i) <HTML> | (ii) <HEAD> |
| (iii) <Title> | (iv) <Body> |
| (v)
 | 5 |
- (d) Explain the concept of URL and its types. 5

EITHER

3. (a) Explain the TABLE tag and all its attributes in HTML. 5
- (b) Write a program in HTML to Create a password form. 5

OR

- (c) Write short notes on :—
- | | |
|---------------------|---|
| (i) Form design. | |
| (ii) Form controls. | 5 |
- (d) Create HTML document which will display your name as the title of page and a visible table with atleast 4 rows. Put name, address, age and sex of your friends in the table. 5

EITHER

4. (a) Explain the cascading style sheet in detail. 5
- (b) Explain the conditional statements used in Javascript. 5

OR

- (c) What are the steps involved to add styles to documents ? 5
- (d) Write a Javascript to find the sum of first N natural numbers. 5

5. Attempt any **ten** :—

- (a) What is a digital certificate?
- (b) Write full form of www.
- (c) What is a web server ?
- (d) What are pair tags ?
- (e) #FFFFFF represents which color ?
- (f) What is hyperlink ?
- (g) What are the three things that (IMG) tag controls?
- (h) Which is not an attribute of a table?
 - (i) BORDER (ii) ALIGN
 - (iii) BGCOLOR (iv) RGB
- (i) What type of an alignment will ALIGN="MIDDLE" give ?
- (j) Which tag allows the user to input the data through keyboard ?
- (k) How is a single line comment written in Javascript?
- (l) List datatypes in Javascript. 1x10