

Total No. of Printed Pages—3

3 SEM TDC CAPN (CBCS) DSC 3

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(Nov/Dec)

COMPUTER APPLICATION
(Discipline Specific Course)

Paper : DSC-3

(Computer Networks and Internet Technologies)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Answer the following questions briefly : 1×8=8

- (a) What is a URL?
- (b) Write the tag to create a line break in HTML.
- (c) Write one example of a client/server network.

(2)

- (d) What is bandwidth?
- (e) How many layers are there in the TCP/IP model?
- (f) What is an IP address?
- (g) What is router?
- (h) Write one feature of JavaScript.

2. Answer the following questions : $2 \times 5 = 10$

- (a) Differentiate between guided and unguided transmission media.
- (b) Differentiate between Internet and Intranet.
- (c) Write any two advantages of e-commerce.
- (d) What is an event in JavaScript? Give an example.
- (e) How do you insert an image in HTML? Give code.

3. Answer the following questions : $3 \times 5 = 15$

- (a) Write the basic structure of an HTML webpage and explain each part.
- (b) Describe the seven layers of the OSI model with their functions.

(3)

- (c) Differentiate between static and dynamic webpages.
- (d) Explain star topologies with diagrams.
- (e) Create an HTML table with three rows and three columns using proper tags.

4. Answer any four of the following questions :

$5 \times 4 = 20$

- (a) Draw and explain the OSI model with all layers and functions.
- (b) Explain ordered, unordered, and definition lists in HTML with examples.
- (c) What is CSS? Explain its types with suitable examples.
- (d) Explain different types of guided transmission media with diagram.
- (e) Explain various data types used in JavaScript.
