



**2020/TDC(CBCS)/ODD/SEM/  
BCADSE-502T/024**

**TDC (CBCS) Odd Semester Exam., 2020  
held in March, 2021**

**COMPUTER APPLICATION**

**( 5th Semester )**

**Course No. : BCADSE-502T**

**( Internet Technology )**

Full Marks : 50

Pass Marks : 20

**Time : 3 hours**

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

**SECTION—A**

Answer any *fifteen* of the following as directed :

1×15=15

1. What is protocol?
2. Name two popular search engines.
3. Write down the functions of PPP.



( 2 )

4. Define IP address.
5. What is URL?
6. What is the purpose of DNS?
7. What do you mean by mark-up language?
8. Do all HTML tags come in a pair?
9. How do you insert a comment in HTML?
10. XML stands for \_\_\_\_.
11. What is the use of DHTML?
12. Give an example of hyperlink.
13. What do you mean by scripting language?
14. Define JavaScript variable.
15. \_\_\_\_ is an example of server side scripting language and \_\_\_\_ is an example of client side scripting language.

( Fill in the blank )

( Fill in the blanks )

( 3 )

16. What is prompt box in JavaScript?
17. Is JavaScript a case-sensitive language?
18. Name two built-in methods used in JavaScript.
19. What do you mean by server side scripting language?
20. What is the use of ASP?
21. Write one advantage of AJAX.
22. What is an ADO?
23. What information do cookies provide?
24. Write down the general syntax of for loop in ASP.
25. What is a servlet?
26. What is called a session?
27. What are common tasks performed by servlet container?
28. Name servlet exception class.



( 4 )

29. What is a filter in servlet?
30. What do you mean by form validation?

**SECTION—B**

Answer any *five* of the following questions :  $2 \times 5 = 10$

31. How does a Web browser communicate with a Web server?
32. Define protocol suitable. Also mention one importance of protocol suite in networking.
33. State the differences between HTML and XML.
34. Write an HTML code for the following table :

Name	Roll No.
Rahul	1
Ankita	2

35. Write a JavaScript function to calculate the sum of two numbers.
36. Discuss any four JavaScript operators.
37. What are the real Web applications of AJAX currently available in the market?

( 5 )

38. What are the features of ASP?
39. State the difference between applet and servlet.
40. Write the functions of Get and Post methods in servlet.

**SECTION—C**

Answer any *five* of the following questions :  $5 \times 5 = 25$

41. Illustrate the architecture model of WWW.
42. Explain the various layers of TCP/IP.
43. Explain the various components of DHTML.
44. Discuss any five basic HTML tags with their syntax.
45. Write down the different steps to build a corporate Web site.
46. Write the JavaScript programs for the following :
  - (a) To check a number is even or odd
  - (b) To find the average of three numbers



47. Explain server-browser interaction for returning an ASP file.
48. What is ASP procedure? Explain with example.
49. How can we initialize servlet? Explain with a code.
50. Discuss the life cycle of a servlet.

\*\*\*