TDC Even Semester Exam., 2019

COMPUTER SCIENCE

(Honours)

(6th Semester)

Course No. : BCSH–601

(Internet Programming)

Full Marks : 35
Pass Marks : 12

Time : 2 hours

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

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. *(a)* What is browsing? Explain browsing system for the web. 2+3=5

   (b) What is SSL state of a browser? 2

2. *(a)* Describe various protocols used for communication over the Internet. 4

   (b) Explain JavaScript with an example. 3

(2)

UNIT—II

3. *(a)* What is Virtual Reality? What are the Virtual Reality applications on the Internet? 2+3=5

   (b) Compare between broadband and baseband. 2

4. *(a)* Write down the six phases of Web site design and development. 5

   (b) Explain Online Service. 2

UNIT—III

5. *(a)* Write a JavaScript program to check whether a given string is palindrome or not. 4

   (b) What are the advantages of XML over HTML? 3

6. *(a)* What is WML? 1

   (b) Using HTML create a paragraph, insert an image and hyperlink some Web pages. 6

(3)

UNIT—IV

7. *(a)* What is event?   1

     (b) What is the meaning of Dim in VBScript?   2

     (c) Write a JavaScript program to sort the elements of an array using bubble sort.   4

8. *(a)* What is PERL? What are the advantages of PERL?   3

     (b) Write a VBScript program to check whether a given number is prime or not.   4

UNIT—V

9. What is Servlet? What is Servlet life cycle? Explain in detail.   7

10. Explain Active Server Pages and its uses.   7

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