VI Semester B.C.A. Examination, May/June 2018  
(CBCS) (F+R) (2016 – 17 & Onwards)  
COMPUTER SCIENCE  
BCA 604 : Web Programming

Time : 3 Hours  
Max. Marks : 70

Instruction : Answer all Sections.

SECTION – A

Answer any ten questions. Each question carries two marks.  
(10×2=20)

1. Define web browser.
2. What do you mean by IP address?
3. Define URL. Give an example.
4. What is MIME?
5. Give any two differences between HTML and XHTML.
6. What is navigator object?
7. What is event and event handler?
8. What is XML schema?
9. List out any two mouse events.
10. What do you mean by namespaces?
11. What is constructor in Javascript?
12. What is XSLT style sheet?

SECTION – B

Answer any five questions. Each question carries 10 marks.  
(5×10=50)

13. a) Explain lists in XHTML with examples.  
   b) Illustrate < frameset > tag with example.  
   c) Differentiate < span > and < div > tags with examples.

P.T.O.
14. a) What is CSS? Explain the different levels of CSS with examples. 
   b) Write a JavaScript program to implement all string operations. 

15. a) What is selector in CSS? Distinguish class and ID selectors with examples. 
   b) What is a form? Illustrate the major attributes of form with examples. 

16. a) What is an array in JavaScript? How to create an array object? Give an example. 
   b) What is the general syntax of a JavaScript function? Give an example. 

17. Explain pattern matching using regular expressions in JavaScript. 

18. a) Illustrate DOM. 
   b) Write a JavaScript program to implement keyboard events. 

19. a) What is DTD? Explain the type of DTD. 
   b) Write a JavaScript program to find factorial of a list of numbers, reading input as command line argument. 

20. a) Explain CSS box model. 
   b) Describe XML processors.