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.   5

    b) Illustrate < frameset > tag with example.   3

    c) Differentiate < span > and < div > tags with examples.   2

P.T.O.

14. a) What is CSS ? Explain the different levels of CSS with examples.   **5**

b) Write a JavaScript program to implement all string operations.   **5**

15. a) What is selector in CSS ? Distinguish class and ID selectors with examples.   **5**

b) What is a form ? Illustrate the major attributes of form with examples.   **5**

16. a) What is an array in JavaScript ? How to create an array object ? Give an example.   **5**

b) What is the general syntax of a JavaScript function ? Give an example.   **5**

17. Explain pattern matching using regular expressions in JavaScript.   **10**

18. a) Illustrate DOM.   **5**

b) Write a JavaScript program to implement keyboard events.   **5**

19. a) What is DTD ? Explain the type of DTD.   **5**

b) Write a JavaScript program to find factorial of a list of numbers, reading input as command line argument.   **5**

20. a) Explain CSS box model.   **5**

b) Describe XML processors.   **5**

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