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**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 ?

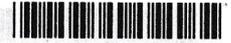
SECTION – B

Answer **any five** questions. **Each** question carries **10** marks.

**(5×10=50)**

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|-----------------------------------------------------------|---|
| 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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