



**B.C.A. (Semester – V) Examination, October 2014**  
**WEB TECHNOLOGY (Revised Course)**

Duration : 2 Hours

Max. Marks : 50

**Instructions :** i) **All questions are compulsory.**  
ii) **Figures to the right indicate full marks.**

1. a) Define the following : (5×1=5)
- i) W3C
  - ii) URL
  - iii) ARPAnet
  - iv) Web blog
  - v) Search Engine Optimisation.
- b) Give a point of difference between the following : (5×1=5)
- i) HTML and XML.
  - ii) Onfocus and onblur events in HTML.
  - iii) Alert and confirm dialog boxes.
  - iv) Classes and identifiers in CSS.
  - v) HTTP and HTTPs protocol.
2. a) What is the role of a DNS in the WWW ? **2**
- b) Explain how web servers handle HTTP Requests. **3**
- c) With a suitable example explain the three tier web architecture. **5**
3. a) Give the differences between GET and POST methods. **2**
- b) Explain any three meta-tags in HTML. **3**
- c) With a suitable example explain the concept of frames and framesets in HTML. **5**

P.T.O.

MD - 02

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- 4. a) What are pseudo-classes in CSS ? Give an example. 2
- b) Write Java Script statements to validate a textbox to check. 3
  - i) if it is empty
  - ii) if it contains only digits
  - iii) if it contains minimum 8 characters.
- c) With examples explain the set Timeout and set Interval functions of the window object. 5
  
- 5. a) What are cookies ? How are cookies implemented in PHP ? 2
- b) With respect to XML explain : 3
  - i) Namespaces
  - ii) DTD
  - iii) Any one vocabulary.
- c) Explain how the public key cryptography algorithm can be used to enhance websecurity. 5

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