

**B.Tech. SEM -V ( Computer) 2014 Course (CBCS) : WINTER - 2018**  
**SUBJECT : ELECTIVE – I: SCRIPTING LANGUAGES**

Day : Saturday  
Date : 01/12/2018

**W-2018-2394**

Time : 02.30 PM TO 05.30 PM  
Max. Marks : 60

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
  - 4) Assume suitable data if necessary.
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- Q.1** a) Explain XHTML and DHTML in detail with example. [05]  
b) Explain any two types of scripting language in detail. [05]

**OR**

- a) Explain difference between HTML, DHTML and XHTML. [06]  
b) Write and explain applications of scripting language. [04]

- Q.2** a) Explain Passing Arguments and Returning Values in Java Script. [05]  
b) Explain string objects and string methods in Java Script. [05]

**OR**

- a) Explain working of Java Script in detail with example. [05]  
b) Explain Data Conversions and Variables declaration in Java Script. [05]

- Q.3** a) Explain jQuery and Common jQuery events in detail. [05]  
b) Explain AJAX requests using jQuery. [05]

**OR**

- a) Explain JSON Model in detail. [05]  
b) What is Document Object Model and explain DOM manipulation in detail. [05]

- Q.4** a) Explain simple API for XML. [05]  
b) What is Extensible stylesheet language with example? [05]

**OR**

- a) Write short note on: i) DOM ii) SAX. [06]  
b) Explain what is Document Type Definition? [04]

- Q.5** a) Write short note on: [06]  
i) String manipulation ii) Lists  
b) Explain conditional statements in python scripts. [04]

**OR**

- a) What are the different methods for string manipulation? [05]  
b) Explain in detail Tuples and Lists in python script. [05]

- Q.6** a) Explain any four principles of object orientation. [06]  
b) Explain various classes and objects in Python. [04]

**OR**

- a) Write short note on: i) Type identification ii) CGI [06]  
b) Explain in detail multithreading. [04]

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