

M. Tech. -II (Computer Engineering) (CBCS – 2015 Course) :
WINTER - 2018
SUBJECT : WEB TECHNOLOGIES

Day : Thursday
Date : 22/11/2018

Time : 11.00 AM TO 02.00 PM
Max. Marks : 60

W-2018-3138

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION – I

Q.1 Explain in detail the three-tier architecture with respect to Web Environment. [10]

OR

Explain services of Web Server along with its installation.

Q.2 Explain the importance of XLS programming with suitable example. [10]

OR

Explain Java Servlets with respect to Architecture and Interface.

Q.3 How .NET environment support ASP pages? Explain using suitable example. [10]

OR

How Session Management is done in ASP? State the difference between Static and Dynamic web pages.

SECTION – II

Q.4 What are the Client Side Scripts? Explain CGI program using suitable example. [10]

OR

Compare and Contrast Applets and Servlets. State the applications of each to support your justification.

Q.5 What are characteristics of Web Servers? What are the various file management capabilities of common server architecture? [10]

OR

What are the different Web protocols? Explain them in brief. Give the difference between HTTP and HTTPS protocols.

Q.6 Explain the role of middleware as supported tool for web applications. Explain using example. [10]

OR

State and discuss the various security issues in Distributed Object Systems and Enterprise Wide Web base.

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