1058
B.E. (Information Technology)
Sixth Semester
IT-633: Internet and Web Technologies (OLD)
(2014-15)

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt _five_ questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Define the following terms:

   a) Proxy server

   b) Abstract class

   c) VPN

   d) DNS

   e) MIME

   f) JDBC

   g) CSS

   h) POJO

   i) Prototyping

   j) Web security   (10x1)

UNIT – I

II. a) Discuss the concepts of object oriented programming.

   b) Differentiate between UML and class diagram.   (2x5)

III. a) Explain the working of TCP/IP.

   b) Explain the need of firewalls.   (2x5)

IV. a) Explain World Wide Web and components of web application.

   b) Discuss the significance of HTTP protocol.   (2x5)

UNIT – II

V. a) Explain all HTML tags with example.

   b) Explain the concept of Document Object Model.   (2x5)

P.T.O.

VI. Construct a form using Java script with all its validations.   (10)

VII. a) Discuss the concept of multithread programming.

b) Define servlets with the help of a program.   (2x5)

x-x-x