Roll No ....

IT - 604
B.E. VI Semester
Examination, June 2015
Web Technology

Time : Three Hours

Maximum Marks : 70

Note: i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

ii) All parts of each questions are to be attempted at one place.

iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.

iv) Except numericals, Derivation, Design and Drawing etc.

1. a) Define Common gateway interface.
    b) Why HTTPS is secure?
    c) What do you mean by N-tier architecture?
    d) What is HTTP? What are HTTP request and response? Give the limitations of HTTP.

    OR

    What is CGI? How does it work? How do web server and CGI program communicate?

2. a) What do you mean by meta tags?
    b) Define document tree.
    c) What do you mean by attributes in XML?
    d) Describe the following:
        i)   XHTML
        ii) Classes in CSS

    OR

    What is an HTML form? How can you access the form data in php page? Explain with suitable example.

3. a) Define Data types in Java Script.
    b) What do you mean by functions in Java Script.
    c) What are objects in Java Script?
    d) How can you perform validation using Java Script? Show the validation using Java Script with simple form having name, phone number and email field.

    OR

    Create a HTML page with Java Script, which takes one integer number as input and tells whether the number is even or odd.

4. a) Explain the key components of the XML.
    b) What do you mean by web application?
    c) Define MOM (Message Oriented Middleware).
    d) Explain Web server. Give difference between IIS and Apache Web server?

    OR

    Explain CORBA architecture.

5. a) Explain basic component of JSP.
    b) What is the difference between Get and Post request?
    c) What is ODBC?
    d) What do you mean by servlet life cycle? How to write servlets in Java? Explain with example

    OR

    Discuss steps for creating simple JSP page with example.

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