Roll No. ……………
Printed Pages : 2

MCA/M- 13
WEB ENGINEERING
Paper- MCA- 401

Time allowed : 3 hours]   [*Maximum marks : 80*

Note : Attempt five questions in all, selecting at least one question from each unit.
.   Question No. 1 is compulsory.

(a) **What is a Navigation system?**
(b) **How web sites can be enhanced?**
(c) **Differentiate between static and dynamic HTML.**
(d) **What are Anchor? Explain.**
(e) **Explain CGI environment variable.**
(f) **Explain JSP Objects.**
(g) **Give various PHP variables.**
(h) **What is the future of XML?**

UNIT-I

2. **What is the role of information architects? Write down the process of web publishing.**
3. **Explain various phases of web site development. Differentiate between good and bad web design.**

UNIT-II

4. **Explain the following:**
(a) **Structure of HTML document.**
(b) **Image preliminaries HTML**
5. **How audio and video is supported in HTML? Also explain data integration with HTML.**

UNIT-III

6. **Explain the following :**
(a) **Firewalls**
(b) **HTTP**
(c) **CGI.**
7. **Explain and differentiate JSP and ASP. Explain the concept of integrating scripts in JSP.**

UNIT-IV

8. **(a) What are cookies ? How cookies are created? Also explain the concept of reading cookies.**
    (b) Explain relationship between HTML and SGML.
9. **What is XML? How are embedded into HTML documents? Explain.**