

PGIVS - 1526 A - 16
M.Sc. IVth Semester (CBCS) Degree Examination
Computer Science
(Internet Working and Web Design)
Paper : HCT 4.1

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

1. Section - A is compulsory
2. Answer any **FIVE** questions from Section - B

Section - A

1. Answer the following questions (10×2=20)
 - a) What are WWW and domain names
 - b) What are the different classes of IP address?
 - c) What is the purpose of telnet?
 - d) List the features of IP V4
 - e) What is the task of DNS name server.
 - f) What are the methods of messaging over internet.
 - g) What do you mean by Links hyperlinks and anchors?
 - h) What is document type deck and why it is needed?
 - i) What do you mean by cookies write the steps to create a cookie.
 - j) List the three major differences between Java and Java script.

Section - B

2.
 - a) Explain the layering architecture of TCP/IP protocol (6)
 - b) Explain the IP address hierarchy (6)

3. a) What is hamming distances. How we can increase hamming distance between two messages (6)
- b) What are the purpose of ARP and ICMP IP layer (6)
4. a) Explain how IPV6 is different from IPV4 (6)
- b) Explain the remote file accessing in a networks (6)
5. a) Explain in detail the different types of Lists used in HTML
- b) Explain the general attributes of Table tags in HTML (6)
6. a) What is document type definition? What are the 3 XHTML DTD? (6)
- b) Out line the relationship between HTML forms and CGI scripts. Can form data to be processed if their is no related script. (6)
7. a) What are the possible forms of control expressions in Java scripts (6)
- b) A web page has two fields to accept name and age of a person. Develop a Java script to validate these fields.
8. Write notes of the following questions. (any two) (2×6=12)
 - a) W3C recommendations
 - b) Fragmentation
 - c) ARP
 - d) AJAX