

K-9/2110

MS-211
Web Technology
SEM-III

7438/N

Time Allowed: 3 Hours

Maximum Marks: 70

Note: The Candidates are required to attempt two questions each from Sections A and B carrying 10.5 each and the entire Section C consisting of 7 short answer type questions carrying 4 marks each.

SECTION-A

1. Explain TCP/IP model with diagram? Explain purpose of different layers in TCP/IP model.
2. What is an IP address? Explain different IP address classes.
3. What is HTML? Explain various tags along with attributes used for design of frames.
4. What is CSS? Explain various ways to use CSS with suitable example.

SECTION-B

5. What is JavaScript? Explain how form validation can be done on client side by JavaScript programming. Explain with suitable example.
6. What is PHP? Explain various control structures used in PHP.
7. What is servlet? Explain life cycle of a servlet.
8. What do you mean by session? How session management is possible on web?

SECTION-C

9. Write short note on the following:
 - i. What is CGI interface?
 - ii. What is MIME?
 - iii. Explain different components of URL?
 - iv. What is XHTML?
 - v. Why do we need subnetting of a network?
 - vi. What is the main difference between `require()` and `require_once()`?
 - vii. How is the ternary conditional operator used in PHP?