R09

Code No: C6204

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech I - Semester Examinations, March/April-2011
WEB SECURITY
(WEB TECHNOLOGIES)

Time: 3hours   **Max. Marks: 60**

Answer any five questions
All questions carry equal marks

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1.a) What is web security? Discuss web security considerations?
 b) Briefly discuss different web attacks.   [12]

2.a) Distinguish between Conventional and Public-key encryption.
 b) Discuss different Transposition ciphers with suitable examples.   [12]

3. What are shopping cart systems? Explain the implementation of shopping cart application.   [12]

4.a) List and explain different HTTP/1.1 Methods.
 b) Explain the structure of the URL with its components.   [12]

5.a) Write a CGI program to read HTML Form parameters via get and post methods.
 b) Explain the basic principles of Firewalls.   [12]

6.a) What is a Hash function? What are the requirements of a hash function?
 b) Explain a variety of ways in which a hash code can be used to provide message authentication.   [12]

7.a) Explain various ways to secure large applications.
 b) What is Cyber Graffiti? Discuss HTTP Brute-Forcing Tools.   [12]

8. Write short notes on the following:
 a) Web Languages.
 b) Message Digest.   [12]

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