

**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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