

Reg. No. :

Name :

Fifth Semester MCA Degree Examination, April 2009 (2006 Scheme) 06.502 : INTERNET TECHNOLOGY

PART – A

Time : 3 Hours

Answer all questions.

- 1. What is the general format of a HTTP request message?
- 2. Compare SMTP and HTTP.
- 3. What do you mean by management information base ?
- 4. Explain the terms
 - i) Web Server
 - ii) Web Caching
- 5. Explain the general format of IPSec authentication header.
- 6. Write notes on computer virus.
- 7. Explain the reference monitor concept for trusted systems.
- 8. What do you mean by snooping TCP ?
- 9. Explain dynamic host control protocol.

Placement papers of IT and Non IT companies, question patterns, papers with solution

10. Differentiate between wired network and adhoc wireless network. (10×4=40 Marks)

Max. Marks: 100

1868

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(**Pages : 2**)

1868

PART - B

Answer any two questions from each Module.

Module – I

- 11. What are the different services provided by transport layer of TCP/IP protocol stack ?
- 12. Write a client-server program that can communicate with each other using sockets.
- 13. What is an integrated service ? How it guarantees quality of service ? (10×2=20 Marks)

Module – II

- 14. Explain how SSL provides message integrity.
- 15. What do you mean by IPSec ? How it secures the network layer ?
- 16. Explain the different key management schemes in encapsulating security payload.
 (10×2=20 Marks)

Module – III

- 17. Explain how dynamic source routing is done by mobile network layer.
- 18. Explain the interfaces and components of WAP architecture.
- 19. Briefly describe wireless markup language.

(10×2=20 Marks)

(20×3= 60 Marks)