

R09

Code No: C3808, C0609, C7008

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.TECH I SEMESTER EXAMINATIONS APRIL/MAY-2012

INTERNETWORKING

**(COMMON TO DIGITAL ELECTRONICS & COMMUNICATION SYSTEMS,
DIGITAL SYSTEMS & COMPUTER ELECTRONICS, ELECTRONICS &
COMMUNICATION ENGINEERING)**

Time: 3hours

Max.Marks:60

Answer any five questions

All questions carry equal marks

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- 1.a) Write about the Network level Inter connection.
- b) Draw the Internet Architecture and explain.
- c) Explain about the wireless LANs.

- 2.a) What is Sub-netting and Super netting?
- b) Clearly explain about the Delivery, Forwarding, and Routing of IP packets.

- 3.a) Explain about the fragmentation and IPV.6.
- b) Explain about the flow control in transmission control protocol.

- 4.a) What are the SCTP services and features?
- b) Explain about the addressing in Mobile IP.

- 5.a) Explain about the Link State Routing.
- b) Explain about the Path Vector Routing.

- 6.a) What is Unicast and Multicast?
- b) Explain about the DVMRP.

- 7.a) What is Name Space and Domain Name Space?
- b) Write about the Network Virtual Terminal.

- 8.a) Explain about the Streaming Stored Audio / Video.
- b) Write about the Voice over IP.
- c) Write about the Firewalls.

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