Code No: **S5501**

R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Examinations, March/April 2011
ADVANCED COMPUTER NETWORKS
(EMBEDDED SYSTEMS)

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks

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1. a)   Explain congestion prevention policies.
   b)   Explain resource reservation protocol.   [6+6]

2. a)   Discuss about the data transmission through broad band coaxial cable.
   b)   Describe the congestion control flow specifications.   [6+6]

3. a)   Write the applications of PAN technology.
   b)   Explain wireless LAN protocols.   [6+6]

4. a)   Describe the issues of VPN security.
   b)   Explain the concept of channel reuse.   [6+6]

5. a)   Discuss about various classes of ATM adaption layer.
   b)   Compare AAL protocols.   [6+6]

6. a)   What are the factors affecting QoS parameters.
   b)   Explain Folding algorithm.   [6+6]

7. a)   List out the properties of Banyan networks.
   b)   Explain multiplexing in SONET.   [6+6]

8.   Write a brief note on the following:
         a) SONET layers.
         b) Traffic shaping.   [6+6]

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