Code: 9D06202

M.Tech II Semester Supplementary Examinations August/September 2018
HI-SPEED NETWORKS
(Common to DSCE & DECS)
(For students admitted in 2013, 2014, 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Explain how the traffic characterization is made.
   (b) What is meant by network element? Explain clearly about the network elements.

2 (a) Describe the ATM based services clearly.
   (b) Draw the architecture of B-ISDN and explain.

3 (a) Describe the ATM network layering method.
   (b) Differentiate between virtual channels and virtual paths.

4 (a) List out the QOS parameters and explain.
   (b) Discuss the ATM adaptation layer with suitable diagram.

5 (a) What is Banyan network? Explain clearly.
   (b) Describe three stage class networks.

6 (a) Discuss the folding algorithm with suitable example.
   (b) Explain clearly about Ben's network.

7 (a) Discuss the ATM addressing method.
   (b) What is PNNI routing? Explain clearly.

8 (a) Differentiate between TCP and UDP.
   (b) Draw the IP header format and explain.

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