

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

- 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.
