

Code No: R05411702

R05**Set No. 2**

IV B.Tech I Semester Examinations, NOVEMBER 2010
ASYNCHRONOUS TRANSFER MODE
Electronics And Telematics

Time: 3 hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. Discuss STM Vs ATM in detail. [16]
2. Discuss the security in ATM networks. [16]
3. In a switch, cross connect write the functions of
 - (a) SLMB
 - (b) TMB
 - (c) Multiplexer
 - (d) Switching Network
 - (e) System Control. [3+3+4+3+3]
4. Compare and contrast passive optical networks using multiplexer/ demultiplexer and splitter/ combiner approaches. Use relevant diagrams. [16]
5. Draw the sketch of generic AAL protocol sub layer model and explain each field. [16]
6. Write detailed notes on:
 - (a) Latency /Speed effects.
 - (b) Cell Delay variation by drawing time reassembly of CBR cells. [8+8]
7. How do you resolve the priorities of different data over mixed network traffic and how they can be transmitted through. [16]
8. How many SONET NETS can be chained together to achieve client-server configuration and how it will be implemented. [16]

Code No: R05411702

R05**Set No. 4**

IV B.Tech I Semester Examinations, NOVEMBER 2010
ASYNCHRONOUS TRANSFER MODE
Electronics And Telematics

Time: 3 hours**Max Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks

1. Write detailed notes on:

(a) Latency /Speed effects.

(b) Cell Delay variation by drawing time reassembly of CBR cells. [8+8]

2. In a switch, cross connect write the functions of

(a) SLMB

(b) TMB

(c) Multiplexer

(d) Switching Network

(e) System Control. [3+3+4+3+3]

3. Compare and contrast passive optical networks using multiplexer/ demultiplexer and splitter/ combiner approaches. Use relevant diagrams. [16]

4. Discuss STM Vs ATM in detail. [16]

5. How do you resolve the priorities of different data over mixed network traffic and how they can be transmitted through. [16]

6. Discuss the security in ATM networks. [16]

7. How many SONET NETS can be chained together to achieve client-server configuration and how it will be implemented. [16]

8. Draw the sketch of generic AAL protocol sub layer model and explain each field. [16]

Code No: R05411702

R05

Set No. 1

IV B.Tech I Semester Examinations, NOVEMBER 2010
ASYNCHRONOUS TRANSFER MODE
Electronics And Telematics

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. How do you resolve the priorities of different data over mixed network traffic and how they can be transmitted through. [16]
2. Draw the sketch of generic AAL protocol sub layer model and explain each field. [16]
3. In a switch, cross connect write the functions of
 - (a) SLMB
 - (b) TMB
 - (c) Multiplexer
 - (d) Switching Network
 - (e) System Control. [3+3+4+3+3]
4. Discuss the security in ATM networks. [16]
5. Write detailed notes on:
 - (a) Latency /Speed effects.
 - (b) Cell Delay variation by drawing time reassembly of CBR cells. [8+8]
6. How many SONET NETS can chained together to achieve client-server configuration and how it will be implemented. [16]
7. Discuss STM Vs ATM in detail. [16]
8. Compare and contrast passive optical networks using multiplexer/ demultiplexer and splitter/ combiner approaches. Use relevant diagrams. [16]

Code No: R05411702

R05**Set No. 3**

IV B.Tech I Semester Examinations, NOVEMBER 2010
ASYNCHRONOUS TRANSFER MODE

Electronics And Telematics

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Discuss STM Vs ATM in detail. [16]
2. Discuss the security in ATM networks. [16]
3. Compare and contrast passive optical networks using multiplexer/ demultiplexer and splitter/ combiner approaches. Use relevant diagrams. [16]
4. In a switch, cross connect write the functions of
 - (a) SLMB
 - (b) TMB
 - (c) Multiplexer
 - (d) Switching Network
 - (e) System Control. [3+3+4+3+3]
5. Write detailed notes on:
 - (a) Latency /Speed effects.
 - (b) Cell Delay variation by drawing time reassembly of CBR cells. [8+8]
6. Draw the sketch of generic AAL protocol sub layer model and explain each field. [16]
7. How do you resolve the priorities of different data over mixed network traffic and how they can be transmitted through. [16]
8. How many SONET NETS can chained together to achieve client-server configuration and how it will be implemented. [16]
