**UNIT I**

**Session 1 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Frame Relay Networks and

Asynchronous transfer mode

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. State frame relay networks
2. State the applications of frame relay networks
3. State ATM

**Crossword puzzles**

We can encourage the students to solve the crossword puzzle so as to recap the concept s of operational amplifier

The sample words and clues are

ATM: Asynchronous Transfer mode

AAL: ATM adaptation layer

Octets:bytes

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**Session 2 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on ATM Protocol Architecture,

ATM logical Connection & ATM Cell

**Quiz**

The students prepare the questions and ask the group.Sample questions are

1. Give the structure of ATM Cell
2. State the major features of management plane
3. Define CLP

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**Session 3 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on ATM Service Categories &

 AAL

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. State the functions of AAL
2. List the ATM Service Categories

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**Session 4 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on High Speed LANs: Fast Ethernet

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Give the IEEE 802.3 frame format
2. List the applications of Fast Ethernet

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**Session 5 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Gigabit Ethernet

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Givethe IEEE 802.3 100 Base T options
2. State the benefits of Gigabit Ethernet

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**Session 6 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Fiber Channel

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Define data qualifier of pay load
2. Give the major features of Fiber Channel

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**Session 7 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Wireless LANs: Applications

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Define portal
2. Define BSS
3. List the applications of Wireless LAN

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**Session 8 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Wireless LANs: Requirements

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Define throughput
2. Define handoff
3. List the applications of WLAN

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**Session 9 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Architecture of 802.11

**Quiz**

The students prepare the questions and ask the group.

Sample questions are

1. Define LLC
2. Define DCF
3. List the modulation schemes employed

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