**UNIT II**

**Session 1 Activity**

**Crossword puzzles**

We can encourage the students to solve the crossword puzzle so as to recap the architecture of 802.11

The sample words and clues are

DCF: distributed coordinated function

ESS: extended service set

BSS: basic service set

**Brainstorming**

A list of ideas spontaneously contributed by the students on Queuing Analysis

ftp://ftp.prenhall.com/pub/esm/computer\_sciences.s-041/stallings/Slides/HsNet2e\_PPT-Slides/

**Session 2 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Queuing Models

Summarization by learners

The student groups allowed discussing among themselves and the key learning summarized by a group leader.

Some of the key learning is

1. The principle of Single and Multiple server queues
2. Importance of Queuing analysis.

ftp://ftp.prenhall.com/pub/esm/computer\_sciences.s-041/stallings/Slides/HsNet2e\_PPT-Slides/

**Session 3 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Single Server Queues

**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

Poisson: the type of arrival

General: the type of service

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**Session 4 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Effects of Congestion

Summarization by learners

The student groups allowed discussing among themselves and the key learning summarized by a group leader.

Some of the key learning is

1. The effects of congestion
2. Packet losses and delay

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**Session 5 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Congestion Control

Summarization by learners

The student groups allowed discussing among themselves and the key learning summarized by a group leader.

Some of the key learning is

1. Back pressure
2. Choke packet
3. policing

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**Session 6 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Traffic Management

**Crossword puzzles**

We can encourage the students to solve the crossword puzzle so as to recap the concept s of Traffic Management

The sample words and clues are

Fairness: traffic management parameters

QoS: traffic management parameters

Reservations: traffic management parameters

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**Session 7 Activity**

**Brainstorming**

A list of ideas spontaneously contributed by the students on Congestion Control in Packet Switching Networks

Summarization by learners

The student groups allowed discussing among themselves and the key learning summarized by a group leader.

Some of the key learning is

1. Implicit and explicit notification
2. Packet discarding

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**Session 8 Activity**

**Analogies**

Giving known example to connect the new concepts

Sample

Liquid filled pipe: back pressure

Choke packet: messaging

**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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