Quesion Bank (I scheme)

Name of Subject: COMPUTER NETWORK (CNE)
Unit Test: I
Subject Code: 22417
Course: IF4I
Semester: IV

Chapter 1: FUNDAMENTALS OF COMPUTER NETWORK

2 Marks
1. DEFINE COMPUTER NETWORK WITH ANY TWO APPLICATIONS.
2. LIST ANY FOUR ADVANTAGES/BENEFITS OF COMPUTER NETWORK.
3. DEFINE 1) SERVER 2) CLIENT 3) HOST 4)PROTOCOL.

4 Marks
1. DIFFERENTIATE BETWEEN CLIENT SERVER & PEER TO PEER (8 POINTS)
2. EXPLAIN NOS WITH TYPES AND FEATURES.
3. LIST NETWORK COMPUTING MODEL & EXPLAIN DISTRIBUTED MODEL.
4. EXPLAIN CLASSIFICATION OF NETWORK BASED ON TRANSMISSION TECHNOLOGY.
5. EXPLAIN CLASSIFICATION OF NETWORK BASED ON NETWORK RELATIONSHIP
6. COMPARE LAN, MAN, WAN WRT DEFINATION, SPEED, DISTANCE, OWNERSHIP, AND EXAMPLE.

Chapter 2 - NETWORK COMPONENTS AND TOPLOGY

2 Marks
1. LIST BASIC COMPONENETS OF COMPUTER NETWORK.
2. LIST DIFFERENT NETWORK DEVICES.
3. DEFINE NETWORK TOPOLOGY & LIST TYPES OF TOPOLOGIES..
4. LIST WIRELESS NETWORK COMPONENTS WITH DIAGRAM.
5. WHAT IS BRIDGE.GIVE ITS TYPES.

4 Marks
1. EXPLAIN STP & UTP WITH DIAGRAM.
2. COMPARE COAXIAL CABLE & FIBER OPTICS CABLE.
3. EXPLAIN WORKING OF NIC WITH ADVANTAGES & DISADVANTAGES
4. DEFINE HUB.EXPLAIN DIFFERENT TYPES OF HUB.
5. EXPLAIN GATEWAYS WITH DIAGRAM. LIST FUNCTIONS OF GATEWAYS.
6. EXPLAIN WORKING PRINCIPAL OF BRIDGES
7. EXPLAIN SWITCHES WITH ITS TYPES AND DIAGRAM.
8. COMPARE HUB, SWITCH, AND BRIDGE WRT TYPE OF DEVICE, LAYER OF OPERATION, COST, AND INTELLEGENCE.
9. EXPLAIN HYBRID TOPOLOGY WITH ADVANTAGES, DISADVANTAGES & APPLICATIONS.
10. EXPLAIN RING TOPOLOGY WITH ADVANTAGES, DISADVANTAGES.
11. EXPLAIN TREE TOPOLOGY WITH ADVANTAGES, DISADVANTAGES.