VU
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Assignment No. 01 SEMESTER Spring 2011   Total Marks: 15

CS601- Data Communication   Due Date: 18/04/2011

Instructions

Please read the following instructions carefully before solving & submitting assignment:

It should be clear that your assignment will not get any credit (zero marks) if:

- **The assignment is submitted after due date.**
- **The submitted assignment does not open or file corrupt.**
- **The assignment is copied (from other student or ditto copy from handouts or internet).**
- **Student ID is not mentioned in the assignment File or name of file is other than student ID.**

For any query about the assignment, contact at cs601@vu.edu.pk

Marks: 20

Question 1:   [5]

For six devices in a network, what is the number of cable links required for a mesh, ring, and star and bus topology?

Question 2:   [5]

Draw a hybrid topology with a ring backbone connecting two bus backbones each bus backbone connecting three star networks.

Question 3:   [5]

Suppose we want to build a small network in school building, which topology you will prefer and why? Explain your answer with solid reasons.

Lectures Covered: This assignment covers Lecture # 01-08

Deadline
Your assignment must be uploaded/submitted till Monday 18 April, 2011.