

# Advance Networks CS-408

## Assignment 01 for Spring 2020

**Total Marks = 10**

**Name:** Sajid Rehman Babar **Class :** BCS

**Section:** \_\_\_\_\_ **Semester:** 8th

### INSTRUCTIONS FOR ASSIGNMENT

**Please read the following instructions carefully before attempting Assignment:**

- Assignment 01 covers week#1 to week#3.
- **Last date for submission of Assignment is May 18<sup>th</sup>, 2020.**
- Make sure that you upload the assignment file before due date. Assignment Submit Button will be disabled after due date.
- No assignment file will be accepted through e-mail (Gmail, Hotmail, or Yahoo etc.)
- **Cheating or copying is strictly prohibited; No credit will be given to copied files.**
- No assignment file will be replaced, once uploaded on LMS under any condition after due date.
- Bibliography/References if any should be mentioned at the end of the assignment.
- Assignment should be in 12 fonts and Times new roman/Arial.
- Assignment should be précised and relevant to the question.

### Objectives:

This assignment is designed to help you understand:

- Protocols Basic
- Physical Layer-Digital Transmission
- Protocols used on Data Link Layer

### Assignment question:

- A. What is Protocol, Key elements of Protocols and Types of Protocols? Explain. (3)**
- B. What is line coding? What are the three types of line coding schemes? Explain. (3)**
- C. What are the different number of Asynchronous Data Link protocols? Explain. (4)**