



COMSATS University Islamabad

Abbottabad Campus

Department of Computer Science

Assignment No. 2

Class: BSE-5A

Session: Fall 2023

Course: DCCN

Instructor: Dr. Sardar Khaliq uz Zaman

Max Marks: 10

Submission Deadline

The deadline for the submission of assignment is, **Sunday night December 10th, 2023, 12:00 AM (not extendable)** on CU Online. Nobody is allowed to send assignment through emails. Late submission is extremely discouraged and won't be marked.

Topic: Data Link Layer: Medium Access Control in WLANs (CLO-C4)

Q#1. Explain the function of MAC sub layer? What is the role of Point Coordination Function (PCF) and Distributed Function (DCF)?

Q#2. Explain the major MAC enhancements in IEEE 802.11e? What is the concept of Transmission Opportunity?

Important Instruction:

- Title page should NOT be attached. You can write your names, reg no in headers/footers.
- Use Arial font with 10 size and 1.5 line spacing. The text should be justified by margins as well.
- The assignments will not include any Page borders. The page margins would be of standard A4.
- Maximum page count must not exceed **3** pages.
- References should be cited properly in text and at listed the end of document where required.