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|  | **BAHRIA UNIVERSITY, (Karachi Campus)**  *Department of Software Engineering*  **Assignment 4 - Fall 2022** |  |



COURSE TITLE: **COMPUTER ARCHITECTURE AND LOGIC DESIGN**

COURSE CODE: **CEN-220**

Class: **BSE-3 (A/B)**  Shift: **Morning**

Course Instructor: **Dr. Sorath Hansrajani**  Time Allowed: **5 days**

Submission Date: **10-01-2023**  Max. Marks: **05 Marks**

**Question 01**   **[CLO4: 5 Marks]**

**Design a sequential circuit for Counter.**

**A sequential circuit that goes through a prescribed sequence of states upon the application of input pulses is called a counter.**