**BRAC University**

**Dept. of Computer Science and Engineering**

**Summer 2024**

**CSE331-07**

**QUIZ - 4**

**Time: 20 minutes Marks: 30**

Name: ID: Section:

1. Construct PDA for the following languages.**[3\*10=30]**
   1. L = { w ∈ {0, 1}\*: w starts with 1 and 0 and 1 alternates in w}
   2. L = { w ∈ {a, b, c}\*: w = ciajbk, where k > 2i, i,j ≥0}
   3. L = { w ∈ {0,1}\*: the count of 1’s in w is two.}