**BRAC University**

**Dept. of Computer Science and Engineering**

**Fall 2024**

**CSE331-14**

**QUIZ - 4**

**Time: 25 minutes Marks: 20**

Name: ID: Section:

1. Construct PDA for the following languages.**[7+7+6=20]**
   1. L = { w ∈ {0, 1}\*: 0 and 1 alternates in w and w starts with 1}
   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 three.}