**Quiz-6**

**Time: 30 minutest**

**Course:** [Theory of Automata (CS) NC](https://ucaelearning.org/course/view.php?id=254)

**Student Name:**

**Student ID:**

**Question:** Construct Push Down Automata for the Following Expressions

1. an+2bn-2 {n ≥1}
2. a2nb2n+1 {n ≥1}
3. a3nb2n {n ≥1}
4. a3nb3n {n ≥1}
5. a3n+1b3n+1 {n ≥1}
6. a3nb3n {n ≥0}

**Bonus**

a2n-1b2n+1 {n ≥1}