TUTORIAL 7

**Thapar Institute of Engineering and Technology Patiala**

**Computer Science and Engineering Department (CSED)**

1. Write a CFG for the following:

a. 

b. 

c. 

d. 

e. The set of odd-length strings in with middle symbol *a*.

2. Write a CFG for the language of even palindrome and odd palindrome. Also design the PDA for the same.

3. Write a CFG for 