**Assigment CFGs**

a = 5 a = “ali” (Syntax)

<assgn\_var> --> <TS> ID  <option> <assign-op> <OE> <TS> TS | €

a = {1,2 , 3} (Syntax)

<assgn\_arr> --> <TS> ID <option> = {<values>}

<values> --> OE> <arr\_val> | €

<arr\_val> --> , <OE> <arr\_val> | €

a = new Dog{} (Syntax

<Assgn\_obj> --> <TS> ID <option> = new ID { <arguments>}

<arguments> --> <args\_list> | €

<args\_list> --> <OE> <list\_args> | ∈

<list\_args> --> , <OE> <list\_args> | ∈

a = {name: “muzzamil”, age: 21} (Syntax)

<assgn\_dict> --> <TS> ID <option> = { <values\_dic> }

<values\_dic> --> ID : <OE> <dict\_val> | €

<dict\_val> --> , ID : <OE> <dict\_val> | €

(Syntax)

<assgn\_enum> --> <TS> ID <option> = <OE>