QUIZ – 1 CSE-313 (Compiler)
Marks: 15

1. Find the operator precedence of the following Grammar in id, #, ~, $, *: [3]

   S → A * S
   A → B $ A
   B → B ~ C
   C → D # C
   D → id

2. Show that the following Grammar is ambiguous or NOT (with justification): [4]

   S → C + A/ B + A/ B * A/id
   A → A * A/a
   B → B + A/a
   C → d

3. Convert the following Left Recursive Grammar to Right Recursive Grammar: [4]

   S → S * A/A
   A → A # B/B
   B → B ~ C/C
   C → id

4. Convert the following Non-Deterministic Grammar to Deterministic Grammar:[4]

   S → aABC/ aABC/ aABCAa
   A → aA/ a/ ε
   B → bB/ b
   C → cC/ c
   D → d