

ASSIGNMENT # ->4

Test -2

Principal of Programming Languages (NCS-503)

Test date: 10 September 2015

QUESTIONS:

1. S::= id:= expr
| if expr then S
| if expr then S else S
| while expr do S
| begin SL and
SL::=S;
|S , SL

(i) while expr do id:= expr
(ii) begin id:= expr end
(iii) if expr then if expr then S
2. S::= if E then S
S::= if E then S else S
Write an unambiguous grammar from this production?
3. Discuss the language translation issues?

OBJECTIVES-

1. To learn about ambiguity in different programming language constructs and its grammar.
2. To understand different programming translation issues and its impact on different machines.
3. To understand the programming in Pascal and solve the problem.

Outcomes: The student will be able to understand the programming in Pascal and different grammar concept as well as to remove ambiguity from grammar. They will also able to answer different issues related to translation.

	Q1	Q2	Q3
CO	1,2	1,2	1,2
PO	1,2,12	1,2,12	1,2,12
PSO	1,4	1,4	1,4

