

## EXP

This subroutine is used to check the validity of use of the current delimiter and to change the state variable E to expression level if necessary.

The parameter P has the following meaning:

- (i) P = 1 Delimiter can only be used at expression level.
- (ii) P = 2 Delimiter can only be used at statement level.
- (iii) P = 3 Delimiter can be used at either level.

UNSTAK is called with a parameter of 12 to unstack IND (the parameter P deciding whether INDA or INDR is to be generated), and the top of the stack tested to see whether := necessitates a changing of E to zero. Logical, arithmetic and relational operators in statements other than procedure calls are failed here.

### ERRORS:

FAIL 35; illegal statement - delimiter misused.

FAIL 55; go to, : or for used in expression.