**1.** PROGRAM 🡪 **program** VAR\_DEFINITIONS; STATEMENTS **end** FUNC\_DEFINITIONS

**2.** VAR\_DEFINITIONS 🡪 VAR\_DEFINITION VAR\_DEFINITIONS\_TAG

**3.** VAR\_DEFINITIONS\_TAG 🡪 ε

**4.** VAR\_DEFINITIONS\_TAG 🡪; VAR\_DEFINITIONS

**5.** VAR\_DEFINITION 🡪 TYPE VARIABLES\_LIST

**6.** TYPE 🡪 real

**7.** TYPE 🡪 integer

**8.** VARIABLES\_LIST 🡪 VARIABLE VARIABLES\_LIST\_TAG

**9.** VARIABLES\_LIST\_TAG 🡪ε

**10.** VARIABLES\_LIST\_TAG 🡪, VARIABLE VARIABLES\_LIST\_TAG

**11.** VARIABLE 🡪 id VARIABLE\_TAG

**12.** VARIABLE\_TAG🡪ε

**13.** VARIABLE\_TAG🡪[int\_number]

**14.** FUNC\_DEFINITIONS 🡪 FUNC\_DEFINITION FUNC\_DEFINITIONS \_TAG

**15.** FUNC\_DEFINITIONS \_TAG 🡪 FUNC\_DEFINITION FUNC\_DEFINITIONS \_TAG

**16.** FUNC\_DEFINITIONS \_TAG 🡪 ε

**17.** FUNC\_DEFINITION 🡪 RETURNED\_TYPE id (PARAM\_DEFINITIONS) BLOCK

**18.** RETURNED\_TYPE 🡪 void | TYPE

**19.** PARAM\_DEFINITIONS 🡪 ε | VAR\_DEFINITIONS

**20.** STATEMENTS 🡪 STATEMENT; STATEMENTS\_TAG

**21.** STATEMENTS\_TAG 🡪ε

**22.** STATEMENTS\_TAG 🡪 STATEMENTS

**23.** STATEMENT 🡪 id STATEMENT\_TAG\_2 |

BLOCK |

return STATEMENT\_TAG |

**24.** STATEMENT\_TAG 🡪 ε

**25.** STATEMENT\_TAG 🡪 EXPRESSION

**25.** STATEMENT\_TAG\_2 🡪 VARIABLE\_TAG = EXPRESSION

**26.** STATEMENT\_TAG\_2 🡪 (PARAMETERS\_LIST)

**27.** BLOCK 🡪 { VAR\_DEFINITIONS; STATEMENTS }

**28.** FUNCTION\_CALL 🡪 id (PARAMETERS\_LIST)

**29.** PARAMETERS\_LIST 🡪 ε | VARIABLES\_LIST

**30.** EXPRESSION 🡪 int\_number | real\_number | VARIABLE | id ar\_op EXPRESSION=>

EXPRESSION 🡪 int\_number | real\_number | id VARIABLE\_TAG | id ar\_op EXPRESSION=>

**30.** EXPRESSION 🡪 int\_number | real\_number | id EXPRESSION\_TAG

**31.** EXPRESSION\_TAG 🡪 VARIABLE\_TAG

**31.** EXPRESSION\_TAG 🡪 ar\_op EXPRESSION