

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬
 (1) BEGIN ID := ID - (ID - ID); END SCANE OF

system_goal()

→ program(); match(SCANE OF) ⑬

→ match(BEGIN); statement_list(); match(END) ⑫

→ statement(); while loop; tok = END
 default → return

→ (tok = ID) match(ID) ②; match(ASSIGNOP) ③; expression(); match(SEMICOLON) ⑪

→ primary(); for loop;

(tok = ID) match(ID) ④

1st t = MINUSOP
 add op(); primary();

tok = - match(-) ⑤

tok = (match(LPAREN) ⑥; expression(); match(RPAREN) ⑩

→ primary(); for loop;

(tok = ID) match(ID) ⑦

t = MINUSOP
 add op(); primary();

tok = - match(-) ⑧

(tok = ID) match(ID) ⑨

① ② ③ ④ ⑤

(1) BEGIN ID := ID - + ID ; END SCANEOF

system_goal()

→ program(); match(SCANEOF)

→ match(BEGIN); statement_list(); match(END)

→ statement(); while loop; tok = END
default → return

→ match(ID); match(ASSIGNOP); expression(); match(SEMICOLON);

→ primary(); for loop;

→ match(ID);

1st → t = MINUSOP
add op(); primary();
tok = -
match(-)

tok = +
→ syntax_error(+)