第七章练习答案参考

7．2

1. a+5

EXP

BINOP

PLUS

a

CONST

5

d．(c:=a+1;c\*c)

ESEQ

MOV

EXP

c

BINOP

PLUS

a

1

BINOP

MUL

c

c

e．while a>0 do a:=a-1

SEQ

SEQ

LABLE

CJUMP

GT

S

a

CONST

0

z

f

SEQ

SEQ

SEQ

LABEL

f

JUMP

S

LABLE

z

MOVE

a

BINOP

MINUS

a

CONST

1

g．if a then b else c

SEQ

CJUMP

SEQ

SEQ

SEQ

LABLE

b

LABLE

c

NE

a

CONST

0

z

f

z

f

h．a:=x+y

MOVE

a

BINOP

PLUS

TEMP

TEMP

x

y

j．if a<b then c:=a else c:=b

SEQ

CJUMP

LT

a

b

z

f

SEQ

SEQ

SEQ

LABLE

LABLE

MOVE

MOVE

c

a

c

b

z

f