N.V.S.k. kalyani 174N1A0584. 3rd B. Tech CSE-C

A. Three address code

0:
$$t_1 = a + b$$

1: $t_2 = c - d$

2: $t_3 = elf$

3: $t_4 = t_1 * t_2$

4: $t_5 = t_4 + t_3$

5: $\chi = t_5$

suadraple representation

Ref no	opr	argi	arg 2	result
0	+	a	b	t,
1		C	4	tr
2	1	e	E	tz
3	*	\ t,	t ₂	ty
4	+	ty	tz	ts
5	e.	+5		X

A. Three address code

Triple representation

Ref no	opr	arg.1	arg 2
0	1	Ь	C
t	*	e	+
2	+	0	1
3	+	2	2
ų	-	a	4

4. a = b + minusc + b + minus c

A. Three address code

reference pointer table

						١.
	Ref	opr	argi	argz	points	1
	0	unminus	C	a	(11)	,
	(*	(11)	6	(12)	1
1	2	unminus	C		(13)	
	3	₩-	(13)	ط	(14)	
	۷	+	(12)	(14)	(15)	
	5	2	n	(15)	(6)	
)					

5. b=multiply (by, b2, b3)

A. it is a function oan
its twice address code

param b1;

param bz;

param b3;

b=call multiply, 3;