(2) (a+b) * (c+d) + (a+b+c)
(a) Quadruples:

| op angl an | 192 result |
|---|-------------------------------|
| | b t ₁ |
| - | d t ₂ |
| | t ₂ t ₃ |
| $t_y = a + b$ + a | b ty |
| t== ty+c + ty | c t ₅ |
| t ₆ =t ₃ +t ₅ + t ₃ | t ₅ t ₆ |

(b) (a+b) * (c+d) + (a+b+c)

Triples:

| | <u>0P</u> | arg1 | arg 2 |
|---|-----------|------|-------|
| | + | a | D |
| 0 | + | C | 4 |
| 1 | * | (0) | (1) |
| 2 | | a | 4 |
| 3 | + | (3) | C |
| 4 | + | (2) | (4) |
| 5 | + | | |

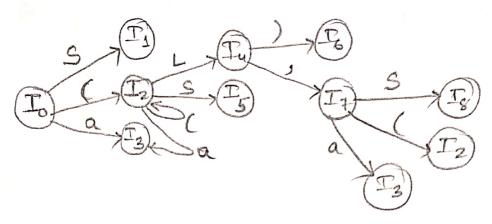
(3) SLR panger:
$$S' \rightarrow S$$
 $S \rightarrow (L) \mid a$
 $L \rightarrow L, S \mid S$

Follow($S' = \{\$\}$

Follow($S' = \{\$\}$

Follow($S = \{\$\}$, ,,)}

Follow



| 1 | ACTRON | | | | 50 | GOTO | |
|---|--------|-----|-----|--|--|------|--|
| state | (|) | a | 1 | \$ | S | and a second control of the second control o |
| 0 | 52 | | \$3 | The second secon | | 1 | |
| 1 | | | | | Accept | | |
| 2 | 52 | | 53 | | | 5 | 4 |
| 3 | | 12 | | 112 | 72 | | |
| <u> </u> | | S6 | | S7- | ganggagar | | |
| The second section is the second | | 124 | | 124 | | | |
| 5 | - | | | r1 | LT | | |
| 6 | | n_L | | The state of the s | The second secon | 8 | |
| | 52 | | 53 | | | | CHE SAN THE STORE |
| | | 13 | | 123 | | | |
| 8 | | - | | | | | |
| | | | | | | | |