24/04/	2024	STATE OF THE PARTY		
11 D. C. J. malter				
	Infix expression	Operator	Petrog	
S.No	Token	stack	A	
1.	A		A	
a.	*	*	A	
3.	C .	* (AB	
4	В	* (AB	
5.	*	* (*	ABC	
6.	+	*(+	ABC*	
7	NAME OF GRADE		ABC*D	
8.	D *	* (++	ABC* D	
9.		*(+*	ABCODE	
10.		*	ABC DE +	
11.)	+	ABC DE V+*	
12.	+	+	ABC + DE ++F	
13	F		ABG + DE ++ F+	
14.				
	a Function	sion Ts : ABC " DE	1++ F+	

post-fix expression is: ARC * DE*+ * F+

2) Infix Expression: A*B*C+D

5.NO	Current	operator stack	Postfix String
1.	Α		A
2.	×	*	A
3.	B	*	AB
4.	Λ	* ^	AB
S.	C	* ^	ABC
£.	+	+	ABC^*
7.	D	+ Acceptange	ABCAND
8.	1	Sac 12 (6-6) 100	ABC^*D+

postfix Expression: ABCA*D+

3) Postfix to Profix:

	postfix trept	erzion and bei	'
	Reading of	Stack	Expression
S.NO	postfix	top	
	postijik	A	A
1 100	A		12
2	В	В	
		A-B	A-B
3			A-B
U	D	P	
A ROLLING		t	LA B
5	t	D+€	DHE A-B
	1 1 100	VIC	A-B
6		F	LE
	F		DHE A-B
7		(LOHE)*F)	Var mad
	4		(0+E)*P
8	*	Shot on realme	(A-B)
9	narzo	Shot on realme	narzo 30A
	Anto INOY	1 (d-A)? notes	

4) Post-fix.	conversion; abc *c	de-14
S.NO	Symbol	Stack.
PONTS.	a	a
2.	ь	abc
3. y.	C -*	a(b*c)
5.	d	a(b*c)d
6.	e	a(b*c)de
7. 8.	X	a(b*c)(d-e) $a(b*c)(d+e)$
9.	+	(a+((b*c)/(d-e)))

Josix conversion: (a+((b*c)/(d-e)))

5) Balanced symbols:

8.NO	(tath) Symbol	*(c-d)) stack	Action Token	Expression so
1.	1	(Push(C)	(
à.		((push'c'	(1
3.	a	11	Append'a'	((a
4.	+ 1010	11	Append '+'	Cla+1
5.000	was pro	46012	Append 'B'	((atb
C.)	601	Pop (c)	(latb
7.	*	C*	pulp) 14'	((a+b)4
8.		(*(push'c'	((a+b)*11
9.	C	(*)	Append (c)	(Latb)*(E-
10.	120	(*(Append (_)	((a+b)*(c-d)
11.	d	(+(Appendid'	(1a+b)* (c-a
2.		C*	pop 'c'	(1 a+b) + (c-d)
13.)		popic?	((a+b)+(c-d)

6. Balancing symbol.

	[{(a+16) *	cy-a)		Expression so
S.Nn	symbol	stock	Action Token	dar
8.No 1. 2. 3. 4. 5.	(a + b)	[c] [c,+] [c,+]	push'c' Append'a' Append'b' Append'b'	(a) (a+ (a+b) (a+b)
6. 4. 8. 9.	C) d End	[C,+,*] [C,+] [C,-] [C,-] \$\phi\$	publish? Appendics popic? popic? Appendid' pop remains operators	(atb)*C (atb)*C (atb)*C-d (atb)*C-d

It is valid for "Balanced symbol".