	Date 030ct 2023 E(1011) Page 29
	Day-16 Monday of March
	Conversion of Number Systems
	Control of the Contro
*	Decimal to binary:
	2 13 1
	2 6 0
	2 3 1
	1 -
	20.20
=)	a = 2, $b = 8$, $c = 8$, 3624
	258 = 3 6
	ans = $a+bx$ = $3x10+6 = 36$ = $ax10+b$ = $36x10+2 = 362$
	$= \frac{a \times 10 + b}{5} = \frac{1}{36 \times 10 + 2} = \frac{362}{362 \times 10 + 4} = \frac{3624}{362 \times 10 + 4}$
	Ex: 25x10 +8
	= 258
21	ans = 0
=1	ans = ans x10 + hum
تا ا	For reverse
	$\frac{6}{6} + 92 \qquad 29 + 6$ $\frac{2}{3} + 9 \times 10^{2} + 4 \times 10^{2} + 6 \times 10^{2}$
	ans= 6x210 = +0=6 2x10 + 9x10 + 9x10 + 6x10
	$ans = 4 \times 10^{21} + 6 = 46$
	ans = ans x 10° t ans
	QIN - QIN AID (SIP

