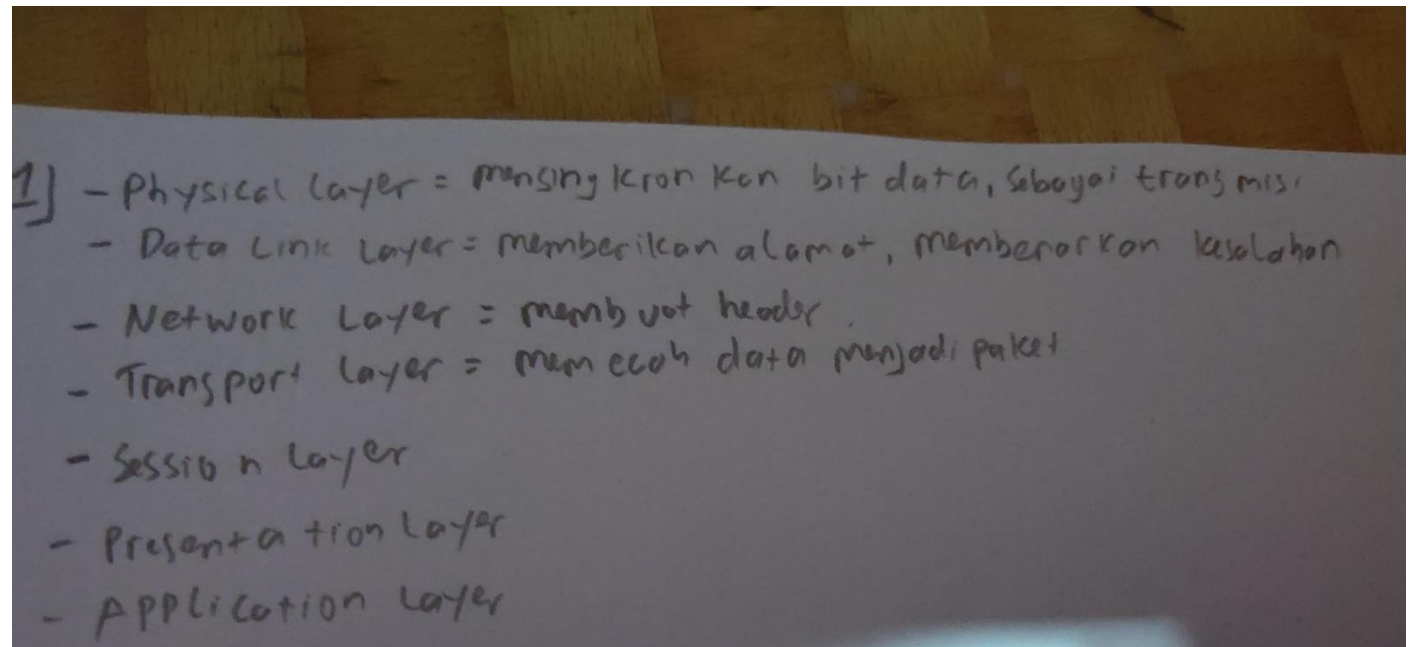


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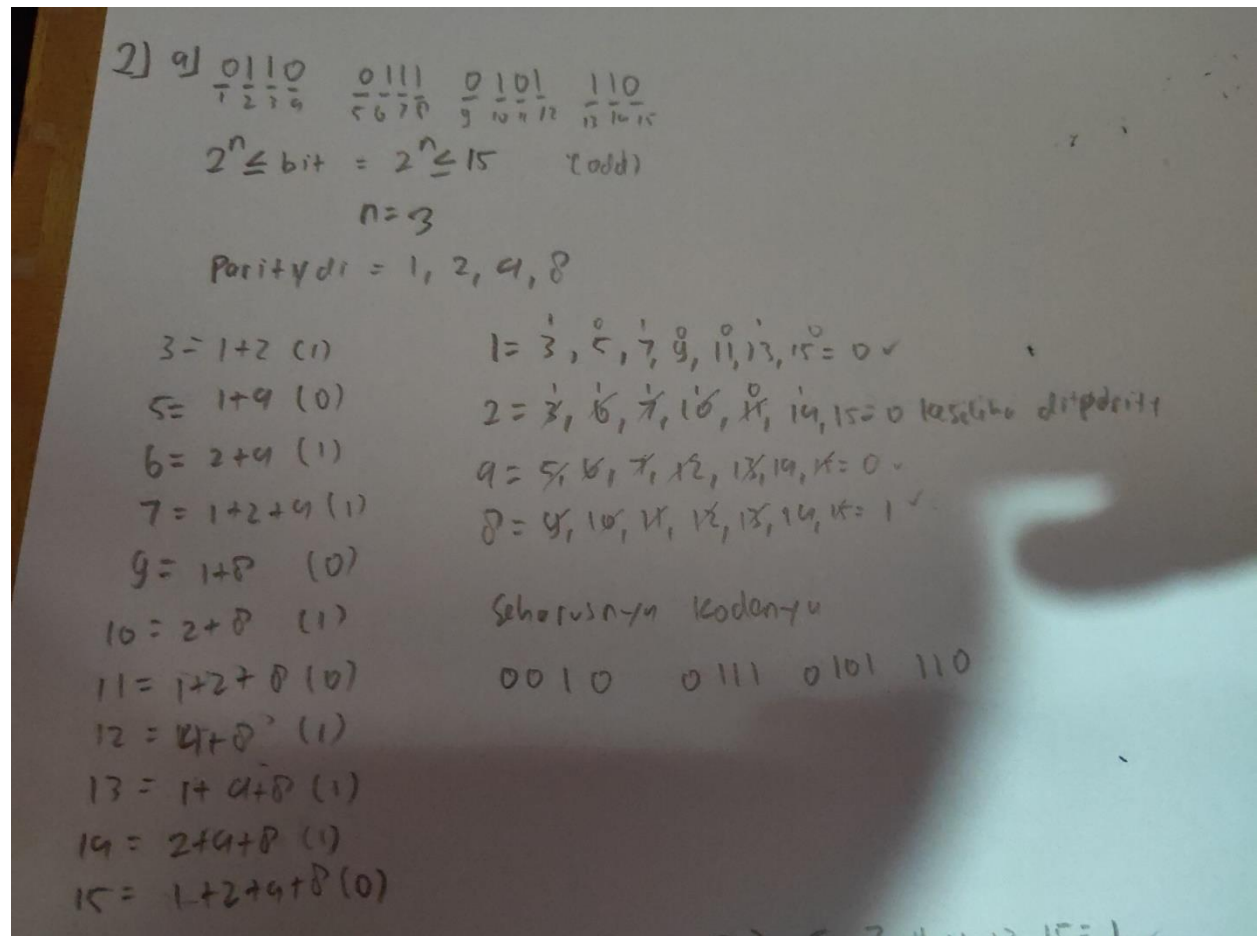
NIM : 191524027

D4-2A

1.



2.



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Handwritten notes on a piece of paper, likely a student's work, showing calculations and binary representations.

Top left section:

$$\begin{aligned} 9 &= 1+8 \quad (0) \\ 10 &= 2+8 \quad (1) \\ 11 &= 1+2+8 \quad (0) \\ 12 &= 4+8 \quad (1) \\ 13 &= 1+4+8 \quad (1) \\ 14 &= 2+4+8 \quad (1) \\ 15 &= 1+2+4+8 \quad (0) \end{aligned}$$

Top right section:

$P = 9, 10, 11, 12, 13, 14, 15$

Seluruhnya Kodanya

0010	0111	0101	110
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Bottom left section:

b)  $\frac{1001}{1210} \quad \frac{1010}{2670} \quad \frac{0001}{9000} \quad \frac{111}{1111}$

$2^n \leq \text{bit} = 2^n \leq 15 \quad (\text{odd})$

$= 2^3 = n = 7$

Parity di: 1, 2, 9, 8

3 = 1+2 (0)	10 = 2+8 (0)
5 = 1+4 (1)	11 = 1+2+8 (0)
6 = 2+4 (0)	12 = 4+8 (1)
7 = 1+2+4 (1)	13 = 1+4+8 (1)
9 = 1+8 (0)	14 = 2+4+8 (1)
	15 = 1+2+4+8 (0)

Bottom right section:

$1 = 3, 5, 7, 9, 11, 13, 15 = 1$

$2 = 4, 6, 10, 14, 16 = 0 \checkmark$

$4 = 5, 6, 7, 17, 18, 19 = 1$

$8 = 9, 10, 11, 12, 13, 14, 15 = 1$

Keseluruhan di Parity 8 Seluasnya 2

Kode menjadi

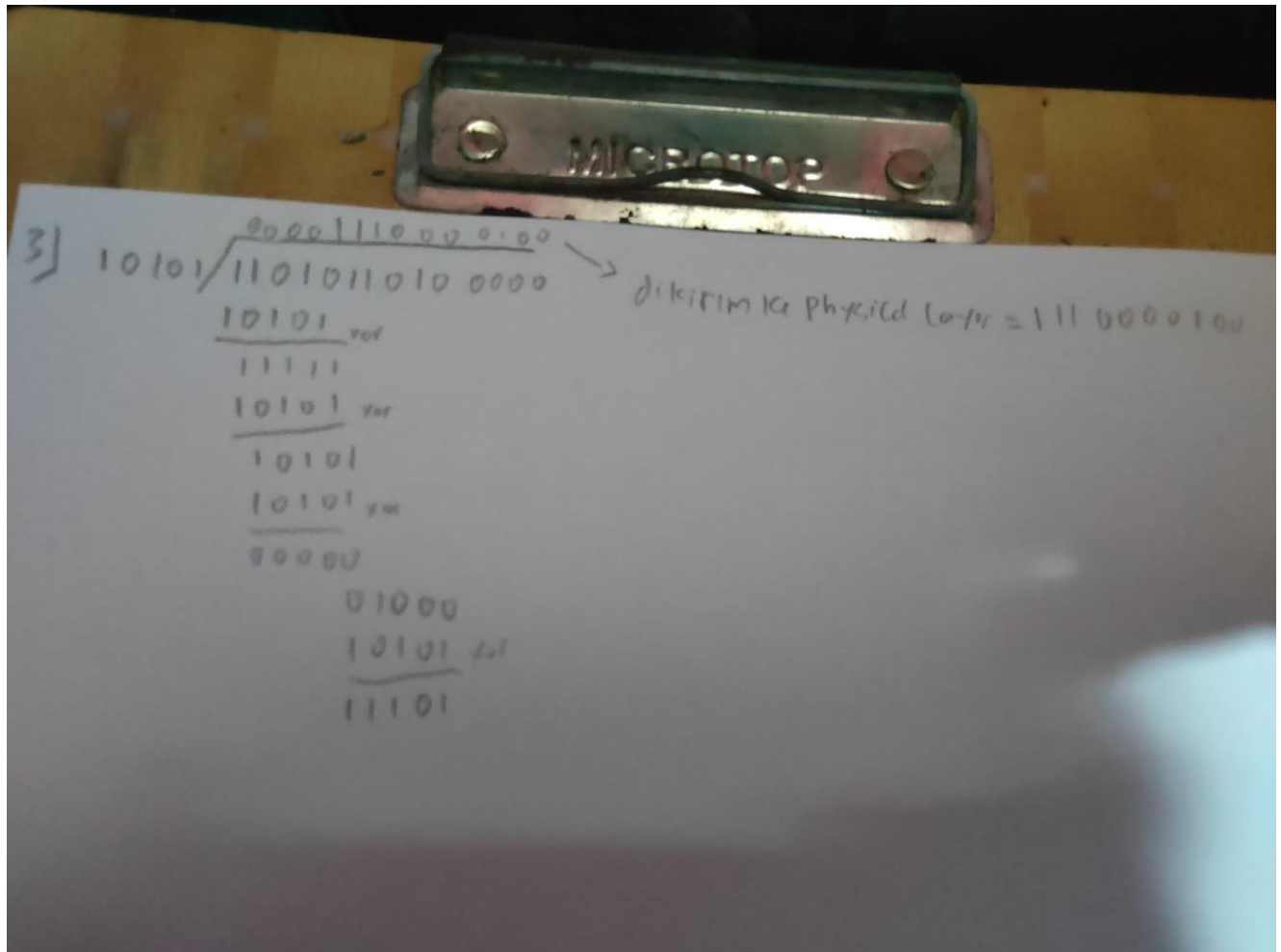
1001	1011	0001	111
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3.

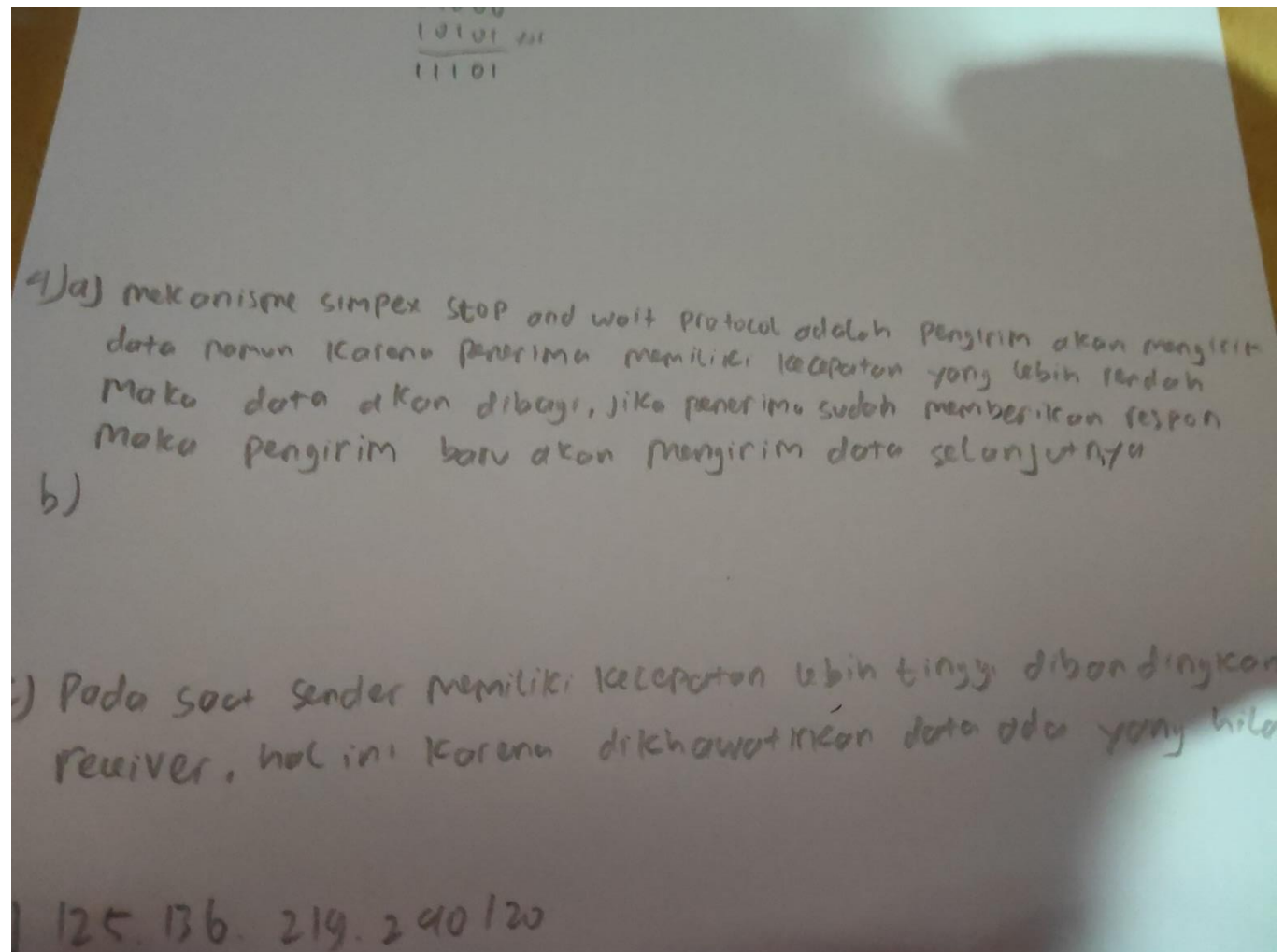


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4.



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5.

