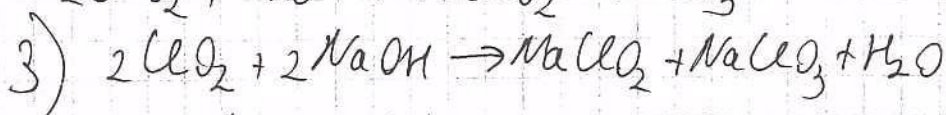
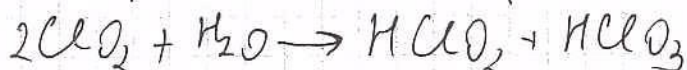
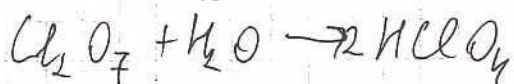
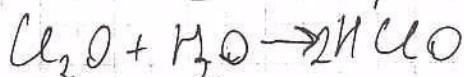
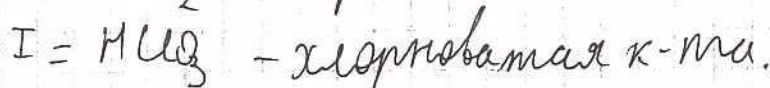
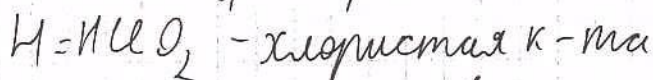
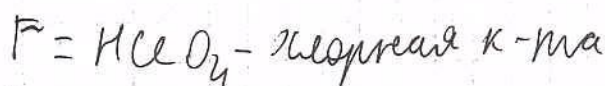
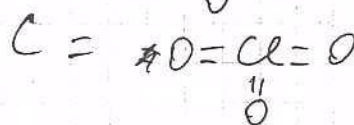
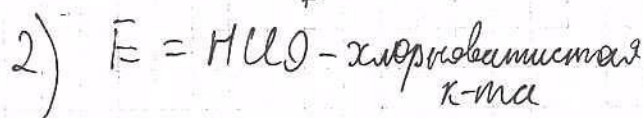
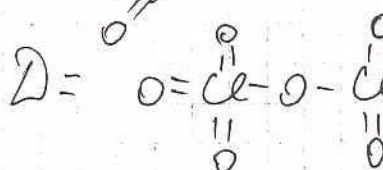
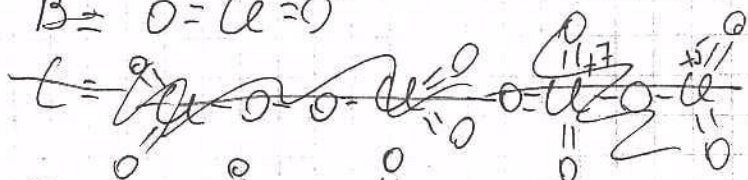
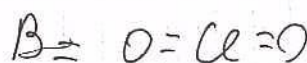
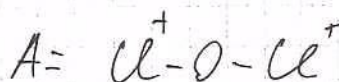
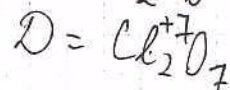
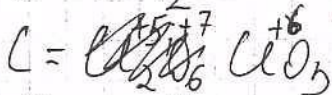
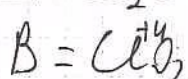
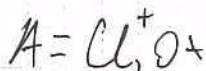
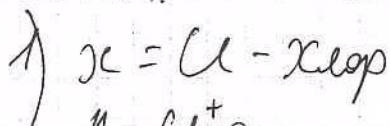


Общий балл	Дата	Ф.И.О. Жюри	Подпись
32,25	17.03.25	Радимов	Радимов

Шифр 025-2-X-57

11.1.



$m_{\text{р-ра}}(NaOH) = \rho \cdot V = 1,1309 \cdot 90 = 101,78 \text{ г}$

$m(NaOH) = m \cdot m = 101,78 \cdot 0,12 = 12,212$

$n(ClO_2) = \frac{V}{V_m} = 0,2 \text{ моль} - \text{недостаток}$

$n(NaOH) = \frac{m}{M} = \frac{12,21}{40} = 0,31 \text{ моль} - \text{избыток}$

$n(NaClO_2) = n(NaClO_3) = 0,2 \text{ моль}$

$m(NaClO_2) = 0,2 \cdot (23 + 35,5 + 32) = 18,12$

$m(NaClO_3) = 0,2 \cdot (23 + 35,5 + 48) = 21,32$

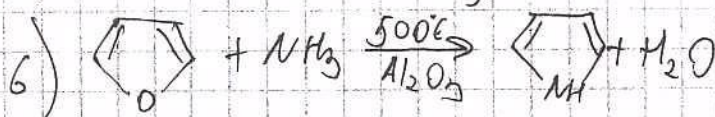
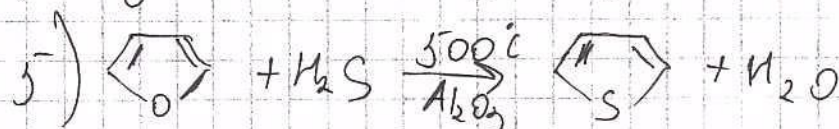
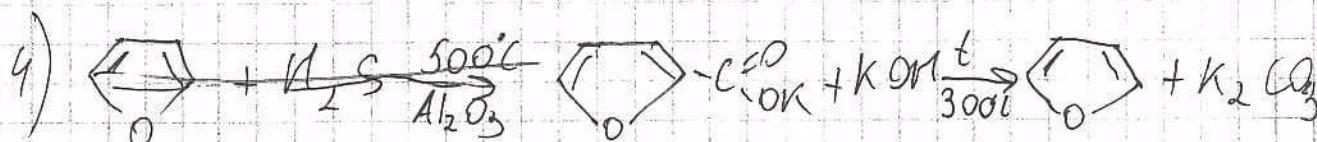
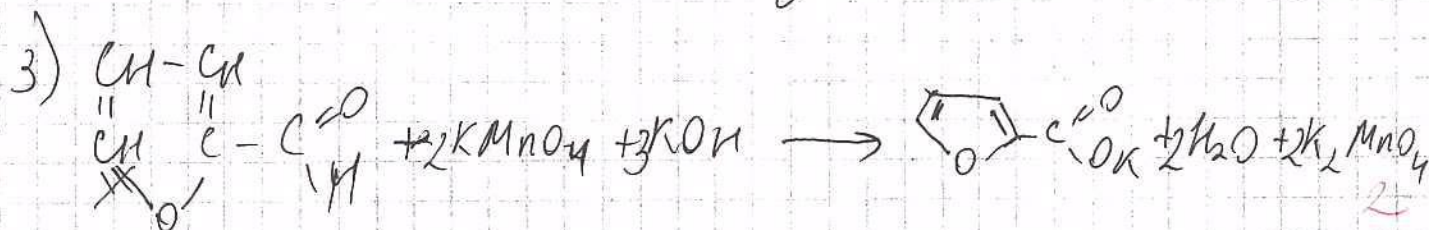
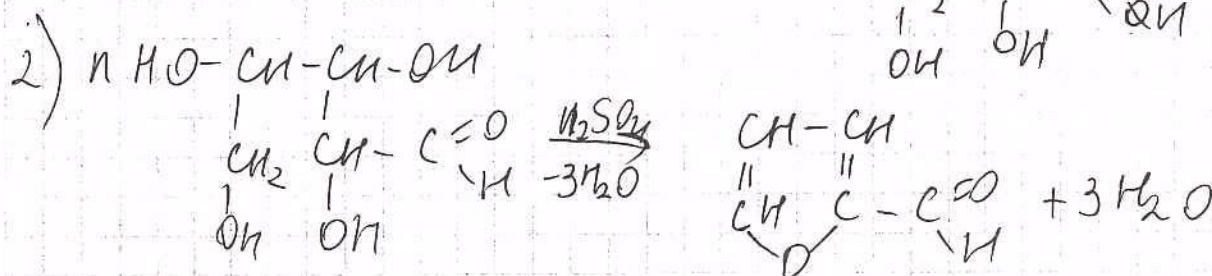
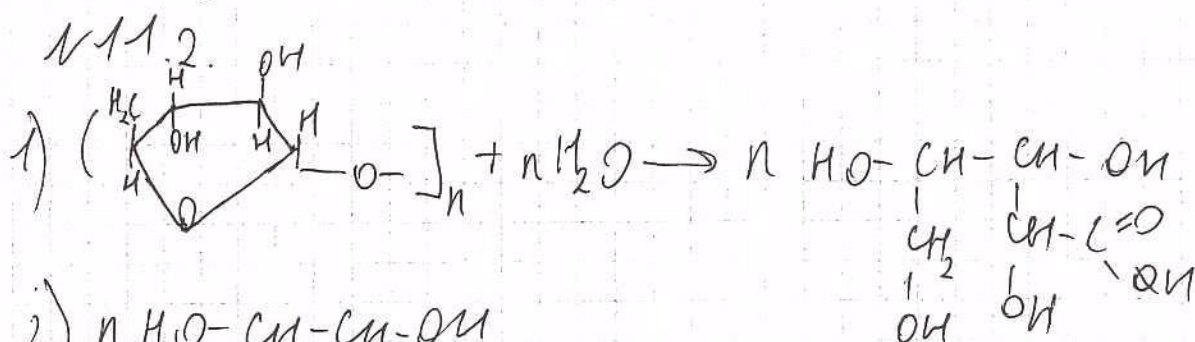
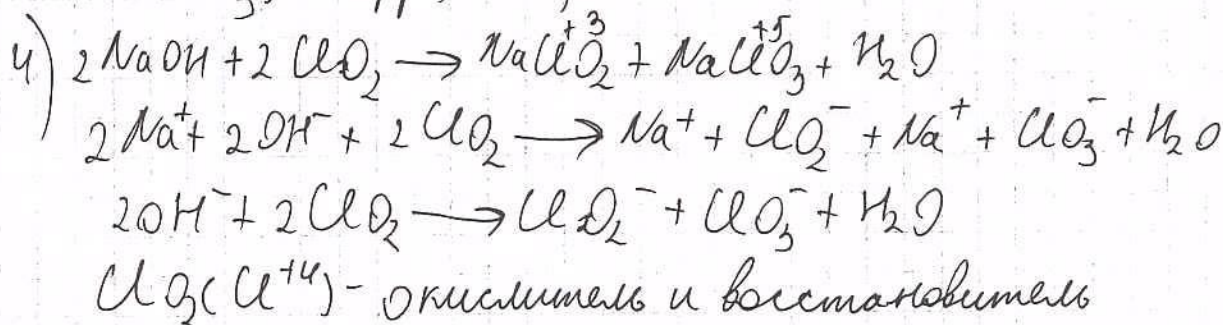
$m(ClO_2) = 0,2 \cdot (35,5 + 32) = 13,52$

Общий балл	Дата	Ф.И.О. Жюри	Подпись
32,25	17.03.25	Фраутков	
Шифр			025-2-X-57

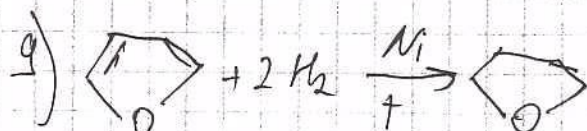
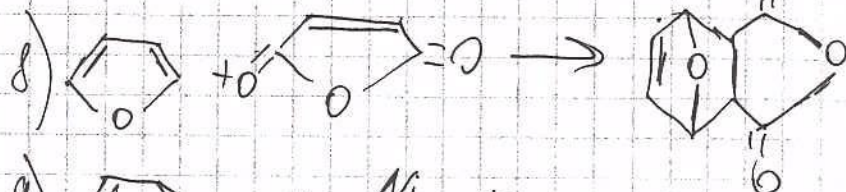
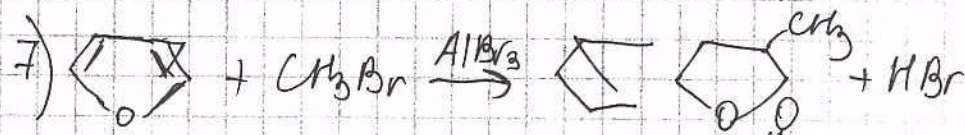
$$m(p-pa) = m(Cl_2) + m_{p-pa}(NaOH) = 0,2 \cdot 13,5 + 101,78 = 115,28$$

$$w(\text{NaClO}_2) = \frac{m(\text{b-})}{m(\text{p-pa})} = \frac{18,7}{115,28} = 0,1570 \text{ um } 15,7\%$$

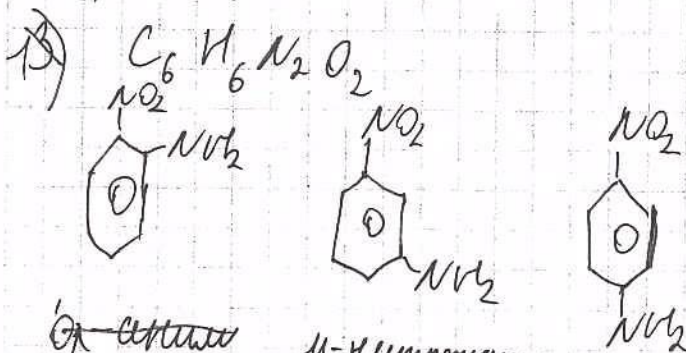
$$w(\text{NaClO}_3) = \frac{m(\text{б.ва})}{m(\text{пр.а})} = \frac{21,3}{115,28} = 0,1848 \text{ или } 18,48\%$$



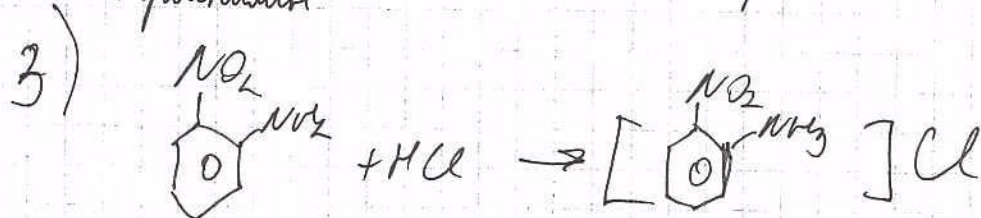
Общий балл	Дата	Ф.И.О. Жюри	Подпись
32,25	17.03.25	Рудомов	<i>[Signature]</i>
Шифр 025-2-X-57			



N 41.3



~~О-нитроанилин~~ м-нитроанилин п-нитроанилин.



хлорид о-нитроанилина.

11
10,5.

