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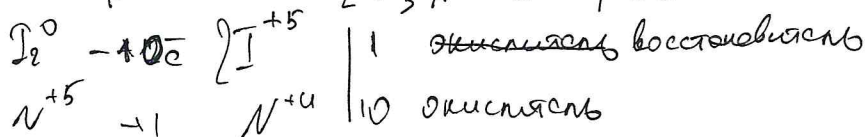
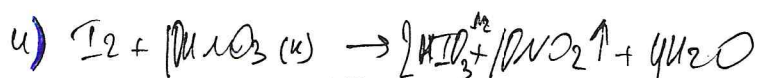
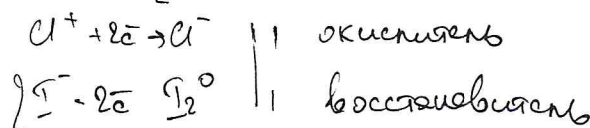
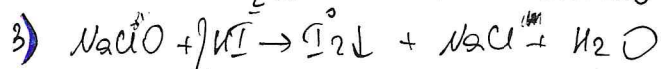
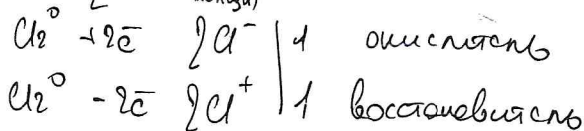
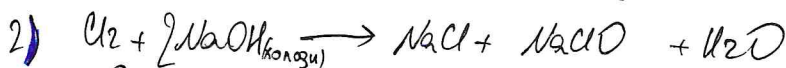
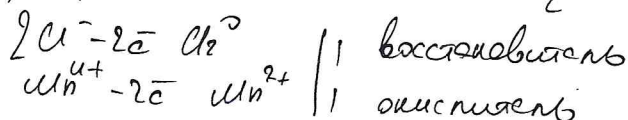
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Класс 11 Вариант 7 Дата Олимпиады 24.02.2018

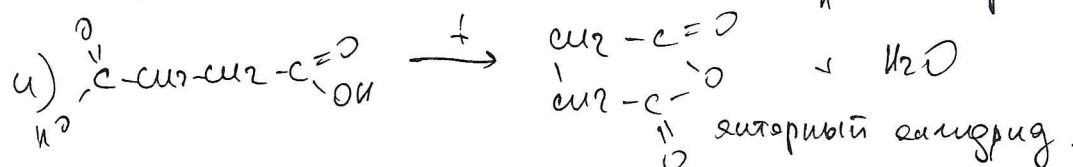
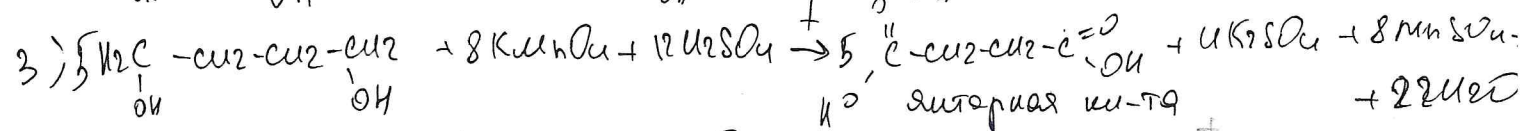
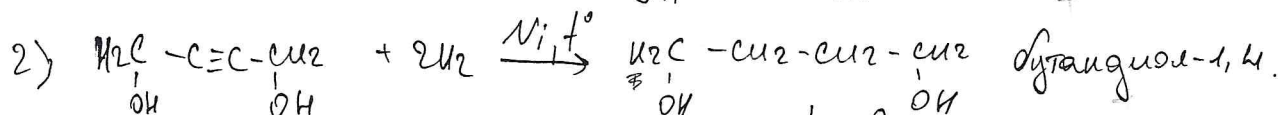
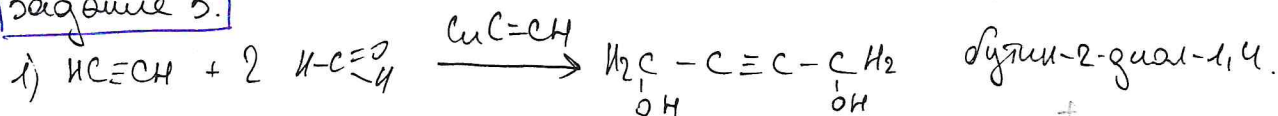
Площадка написания МАОУ СШ 144 Красноярск.

Задача	1	2	3	4	5	6	Σ		Подпись
							Цифрой	Прописью	
Оценка	5	5	5	5	5	4	29	двадцать девять	<i>[Signature]</i>

Задача 1

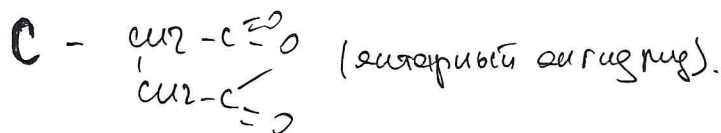
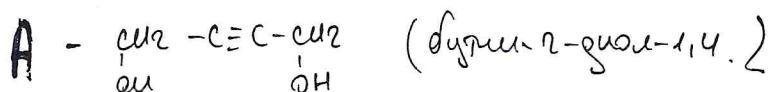
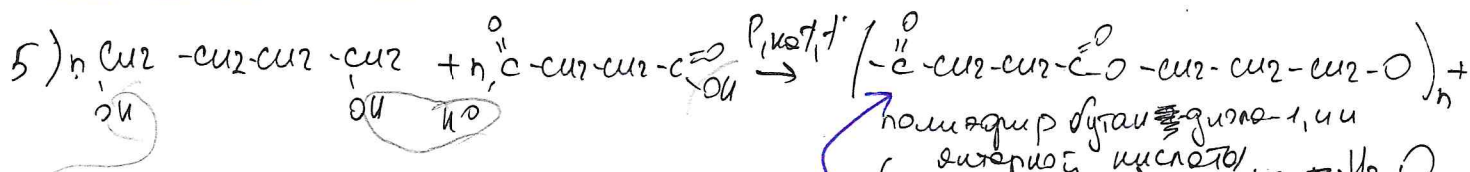


Задача 3.

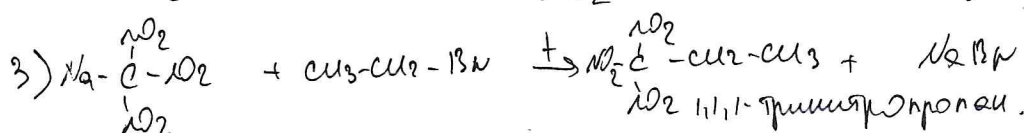
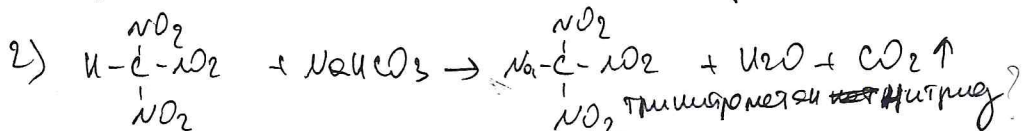
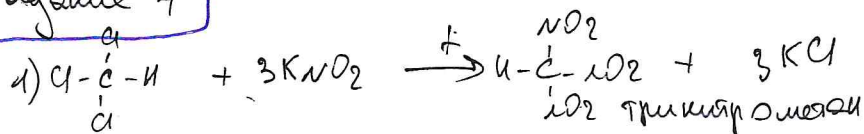


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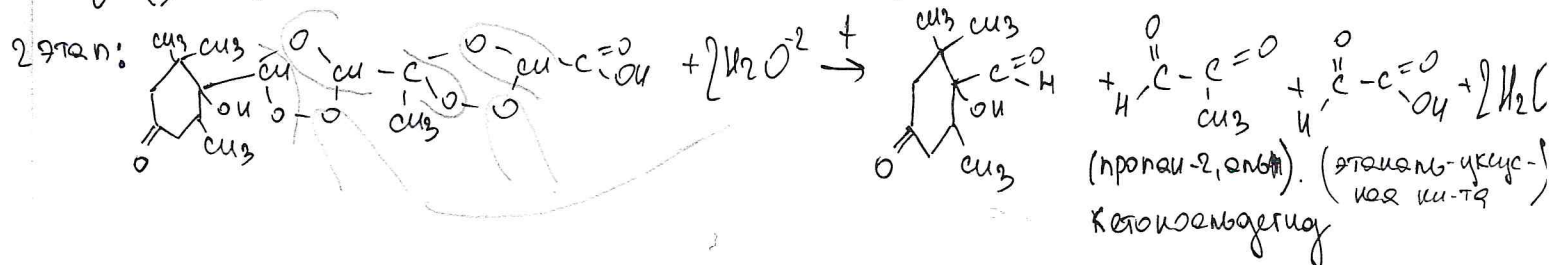
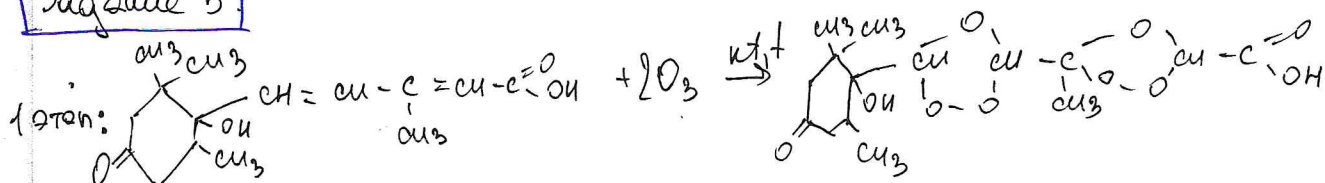
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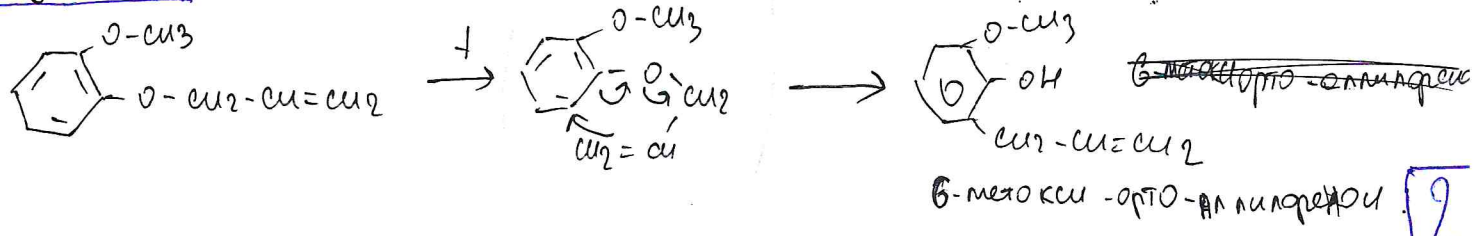
Задание 4



Задание 5



Задание 2



Задача 6

1) $w(O) = 100 - w(C) - w(H) - w(N)$; $w(O) = 100\% - 42,4\% - 7,81\% - 15,7\% = 35,99\%$

2) Пусть $m(A) = 100\text{г}$, тогда $m(C) = 42,4\text{г}$; $m(H) = 7,81\text{г}$; $m(N) = 15,7\text{г}$; $m(O) = 35,99\text{г}$.

3) $n(C) = \frac{m(C)}{M(C)} = \frac{42,4\text{г}}{12\text{г/моль}} = 3,537\text{ моль}$; $n(H) = \frac{7,81\text{г}}{1\text{г/моль}} = 7,81\text{ моль}$;

$n(N) = \frac{15,7\text{г}}{14\text{г/моль}} = 1,121\text{ моль}$; $n(O) = \frac{35,99\text{г}}{16\text{г/моль}} = 2,25\text{ моль}$

4) $n(C):n(H):n(N):n(O) = 3,537:7,81:1,121:2,25$;

$n(C):n(H):n(N):n(O) = 3:7:1:2 \Rightarrow C_3H_7NO_2$

проверим $M(C_3H_7NO_2)$, если не порождет все умножим на 2
 $M(C_3H_7NO_2) = 88 \Rightarrow$ это молекулярная формула б-ва А

по отношению это аминокислота. $\begin{array}{c} \text{CH}_3-\text{CH}-\text{C}(=\text{O})\text{OH} \\ | \\ \text{NH}_2 \end{array} - \text{А} \oplus$

