



Министерство здравоохранения Российской Федерации

Федеральное государственное бюджетное образовательное учреждение  
высшего образования

«Рязанский государственный медицинский университет  
имени академика И.П. Павлова»

Министерства здравоохранения Российской Федерации  
(ФГБОУ ВО РязГМУ Минздрава России)

## БЛАНК ОТВЕТОВ ЗАКЛЮЧИТЕЛЬНОГО (ОЧНОГО) ЭТАПА ОТКРЫТОЙ ОЛИМПИАДЫ ШКОЛЬНИКОВ ПО ХИМИИ

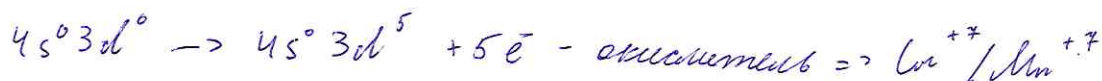
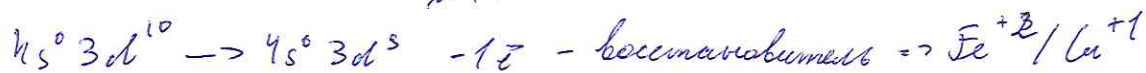
### ТЕОРЕТИЧЕСКИЙ ТУР

Шифр участника 11-79

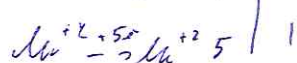
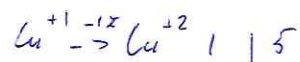
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I	4					
II	3					
III	A	4	5	1	B	3
IV	A	3	5	1	B	4
V	1	2				

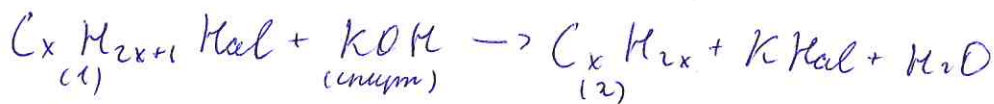
№1.



P-группа:



13.

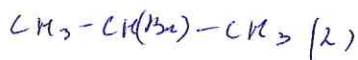
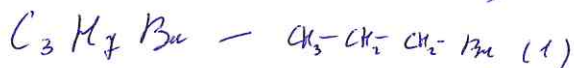


$$\frac{M_1}{M_2} = 2,93 \quad ] \quad M(Hal) = y \Rightarrow M_1 = 12x + 2x + 1 + y$$

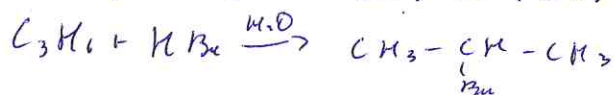
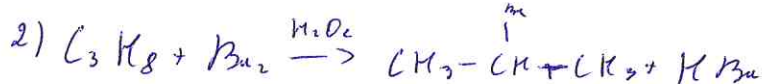
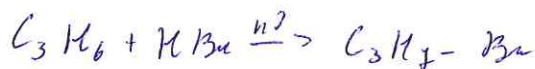
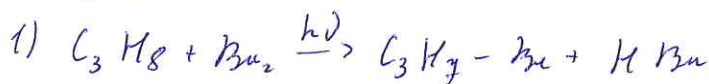
$$\frac{14x + y + 1}{14x} = 2,93$$

$$14x + y + 1 \approx 41x$$

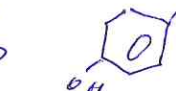
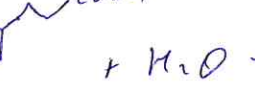
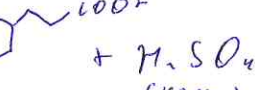
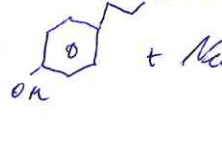
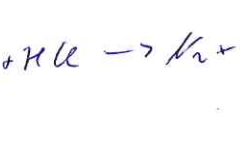
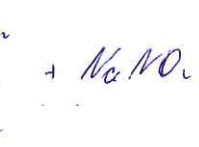
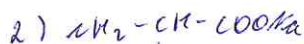
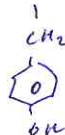
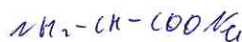
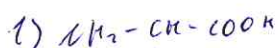
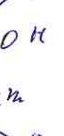
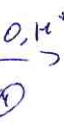
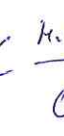
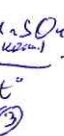
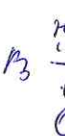
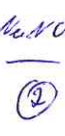
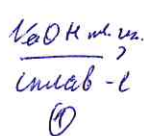
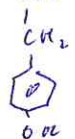
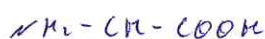
$$y = 27x - 1 \Rightarrow ] \quad x = 3 \text{ тогда } y = 81 - 1 = 80 \Rightarrow y - Br$$

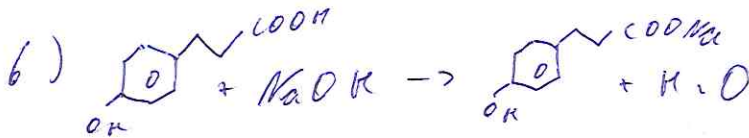
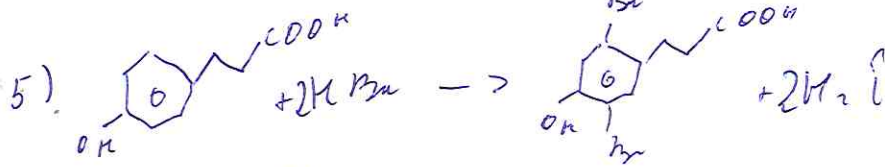


Получение:



14.





Dano:

$$w(L) = 0,0289$$

$$w(O) = 0,1412$$

Maxim.

Me - ?

N2.

$$M(Me) = 2$$

	j	m(O)	m(L)
MeO	x	16x	0
MeLO <sub>2</sub>	y	48y	12y

$$\begin{cases} \frac{16x + 48y}{x(2+16) + y(2+6)} = 0,1412 \\ \frac{12y}{x(2+16) + y(2+6)} = 0,0289 \end{cases}$$

