

試験日 : 2024年7月6日(土)

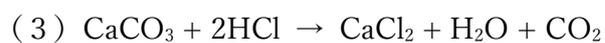
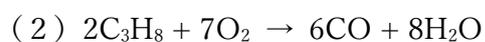
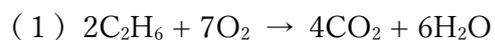
入試種別 : 2025年度 編転入学試験問題

学部・研究科 : 先端理工学部 応用化学課程

科目名 : 専門 I

解答又は解答例

I



II

(1) 過酸化水素  $H_2O_2$

(2)  $0.030 \text{ mol L}^{-1}$

III

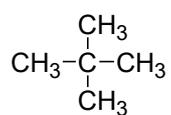
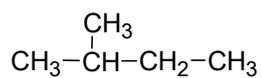
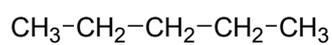
(1)  $0.11 \text{ mol kg}^{-1}$

(2) 127

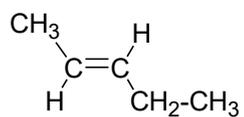
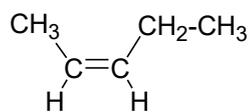
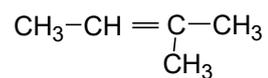
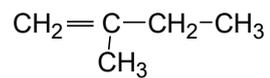
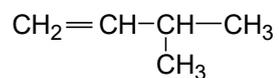
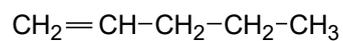
IV

(1)

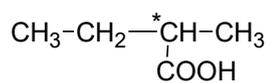
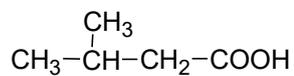
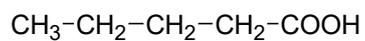
[a]  $C_5H_{12}$  のアルカン



[b] C<sub>5</sub>H<sub>10</sub> のアルケン

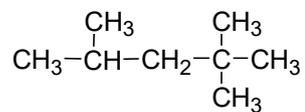


[c] C<sub>5</sub>H<sub>10</sub>O<sub>2</sub> のカルボン酸

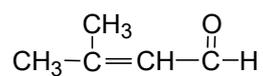


(2)

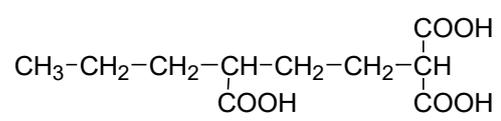
[a]



[b]



[c]



[d]

