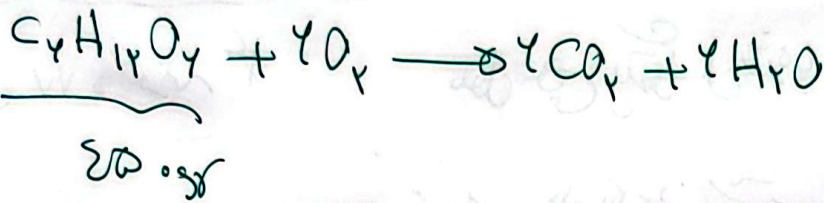
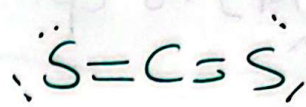
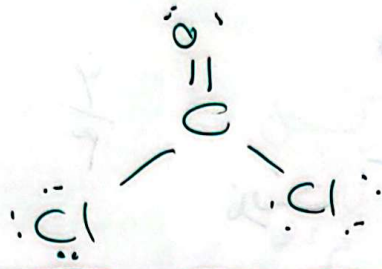
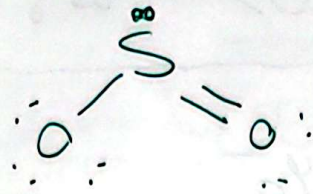
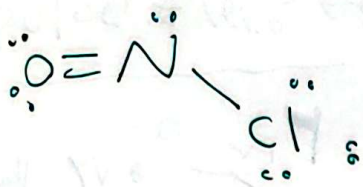


سوال ۱۰ - نیتروژن

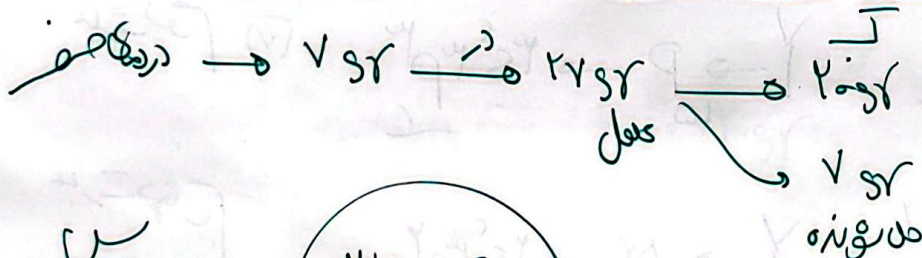


سوال ۱۱ - نیتروژن

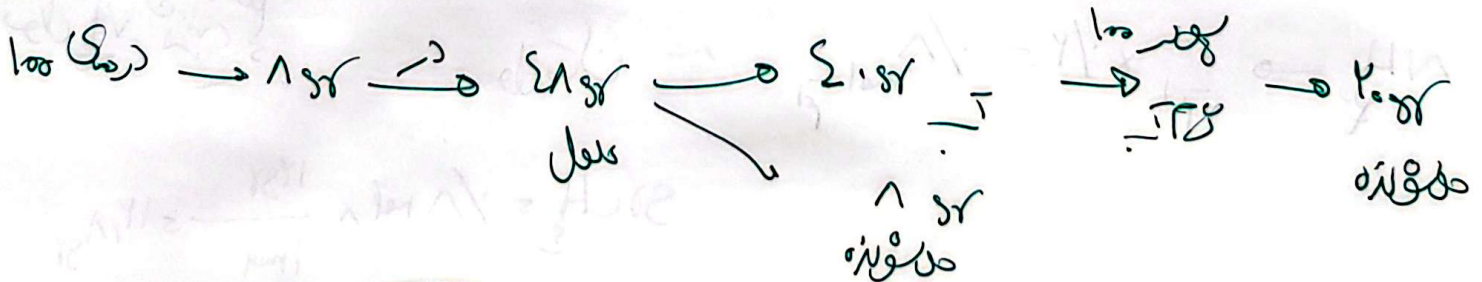
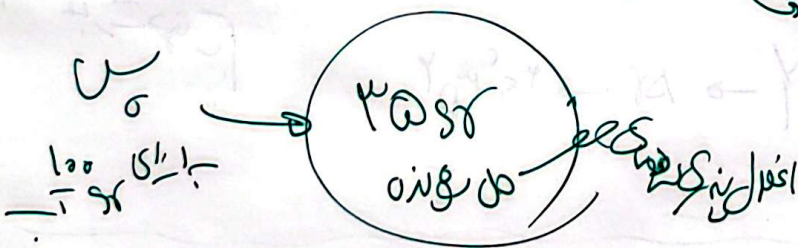
$$450 \text{ gr} \times \frac{1 \text{ mol}}{110 \text{ gr}} \times \frac{4 \text{ CO}_2}{1 \text{ mol}} \times \frac{44 \text{ gr}}{1 \text{ mol}} = 440 \text{ gr CO}_2$$

$$\text{CO}_2 \text{ در دسترس} = 440 \text{ gr} \times \frac{1}{44} \times 32 = 320 \text{ gr}$$

$$\frac{320}{32} = 10$$



سوال ۱۲ - نیتروژن



$$S = X\theta + S_0 \quad X = \frac{100 - 35}{100 - 0} = \frac{65}{100}$$

$$S = \frac{65}{100} + 35$$

سوال ۱۴ ← $\frac{1}{\sqrt{2}}$ ★ $I_{\text{ر}}$ در اصل می شود.

* $MgSO_4$ کا دوا کا نام سلفاٹ = سلفیٹ ہے۔

سوال ۸۵ - مرتبہ ۱

$$M = \frac{d}{\omega} \rightarrow I = \frac{m d}{\omega_L}$$

$\frac{1}{2} \rightarrow \frac{1}{4} \rightarrow \frac{1}{8} \rightarrow \frac{1}{16} \rightarrow \frac{1}{32}$

$$|\bar{z}| \rightarrow \frac{1}{\omega_{\text{HClNaOH}}} = \frac{1}{\omega} \times 10.54.97$$

420 mL - 200 mL = 220 mL
- 200 mL = 20 mL

$$\omega_0 \rightarrow \frac{\omega_0}{\sqrt{1-\beta^2}} = \gamma \omega_0$$

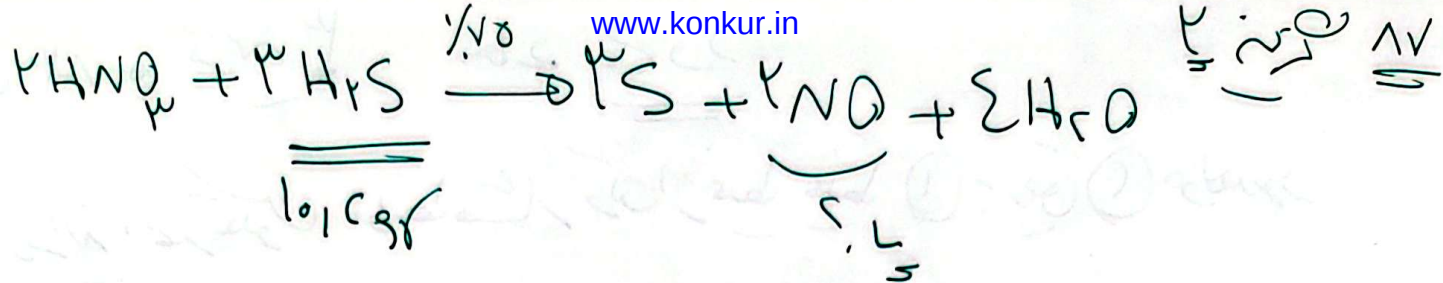
$$\frac{\log r}{\log \omega_{H_2}} = \frac{\log r}{\log \omega_{H_2}}$$

$$\frac{\Sigma_o - \mu}{\Sigma_o} \times 100 = \gamma_o$$

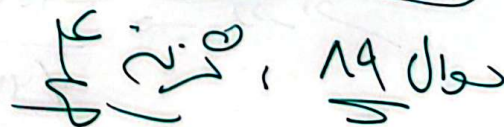
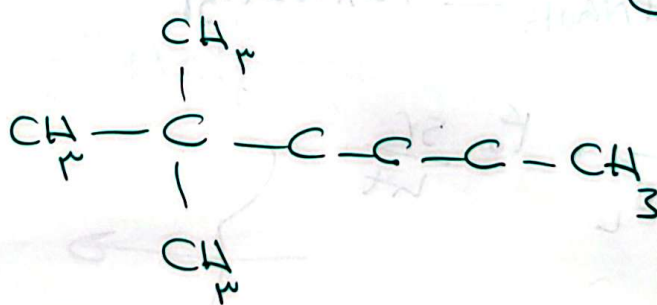
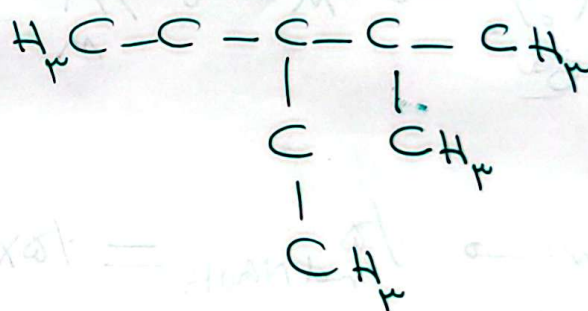
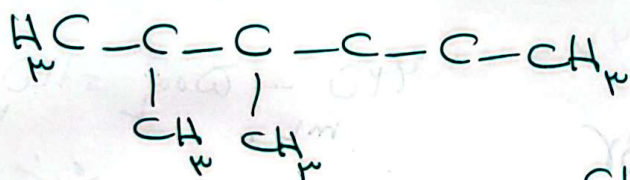
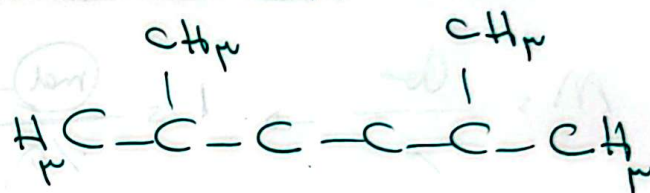
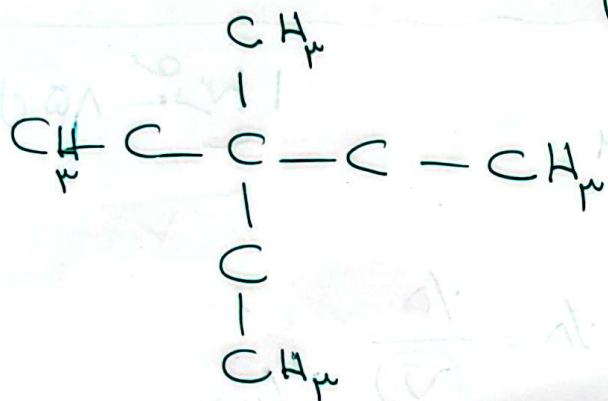
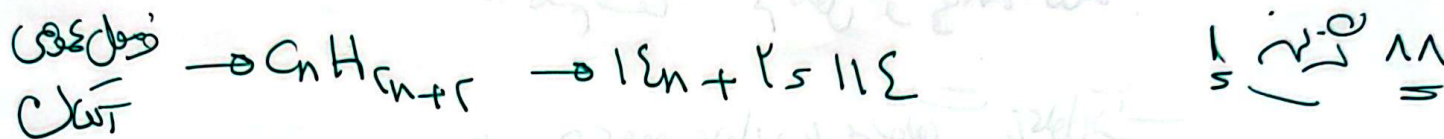
$\frac{w}{s} \sim \frac{v}{c} \rightarrow \frac{\lambda}{\lambda_0}$

[illegible]

د. حفتر - مع شاک مکہ - عامل برحق الکریم



$$101 \text{Cgr} \times \frac{1 \text{mol}}{x \text{Cgr}} \times \frac{x \text{mol NO}}{y \text{mol H}_2\text{S}} \times \frac{y \text{L}}{1 \text{mol}} \times \frac{100}{100} = y \text{L}$$



سوال 40 تیز

۲ x اول

$$2(-157) + 3(-578) + 2(-522) \quad 3 \times \text{واسم}$$

۲ x واسم

$$\boxed{-31 \text{ ع}}$$

$$Q_s = 397 \times \frac{1 \text{ mol}}{3097} \times \frac{31 \text{ ع}}{2 \text{ mol}} = 10 \text{ V}$$



سوال 41 تیز

$$\frac{R_{H_2}}{V} = \frac{R_{HCO}}{E}$$

$$R_{H_2} = \frac{1/5}{1/5} = 1 \text{ mol} \cdot \text{min}^{-1}$$

$$R_{H_2O} = \frac{E}{V} \rightarrow 1/5 \text{ min}$$

سوال 42 تیز

$$\Delta H = 2 \times 155 = 720$$

$$-1455 + (-2 \times 212) - \Delta H = -212$$

$$\Delta H = -2232$$

سوال 43 تیز

سوال 44 تیز

$$K_s \propto m$$

$$\frac{1}{1/20} = 2$$

سوال 45 تیز

$$m = \frac{10^{-3}}{0.02} = 0.020$$

$$K_{20} = 1000 - 200 = 750$$

1 (20) 44

$$\frac{1}{\epsilon_0} = \frac{1}{\epsilon_0} = \frac{1}{\epsilon_0} \text{ nel}$$

$$\bar{C} = \frac{1}{r} = \frac{1}{r}$$



$$\frac{0.4}{1}$$

$$\frac{1.2}{1}$$

$$\frac{1.2}{1} \times 2 = \frac{2.4}{1}$$

1 (20) 44

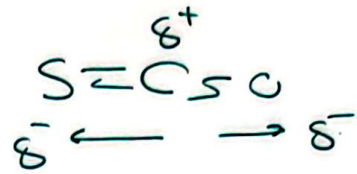
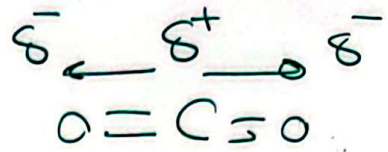
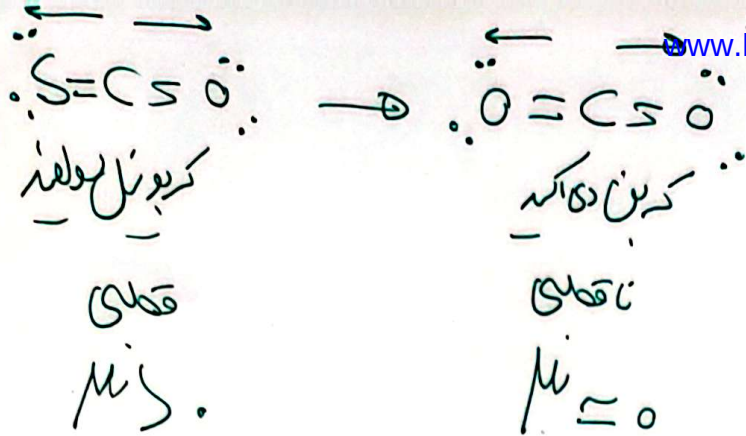
1 (20) 44

1 (20) 44

1 (20) 44

1 (20) 44

۱۵۲ گزینہ ۱



$$\Delta H = E_a - E_a'$$

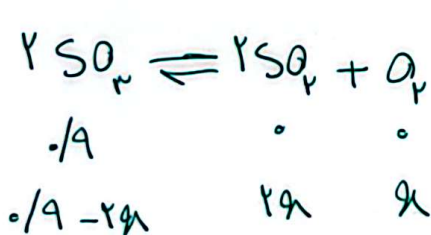
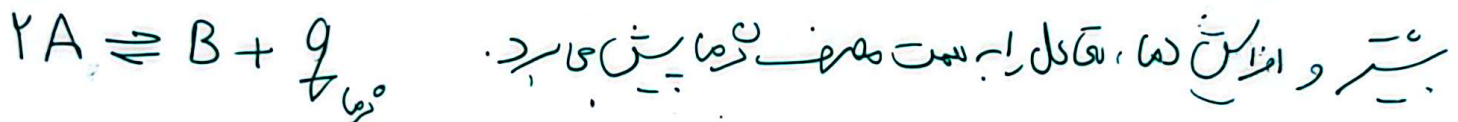


۱۰۴ گزینہ ۳

$$E_a' = 2 \Delta H$$

$$\Delta H = 40$$

۱۰۶ گزینہ ۴ : طبق اصل لوٹائیے : افراطی حجم (فائبر) وائس رابست قدرتی



$$K_c = \frac{[\text{SO}_2]^2 [\text{O}_2]}{[\text{SO}_3]^2}$$

۱۰۵ گزینہ ۲

$$3(0.9 - 2x) = (2x + x)$$

$$K_c = \frac{\left(\frac{0.9}{r}\right)^2 \left(\frac{0.3}{r}\right)}{\left(\frac{0.3}{r}\right)^2} = 0.9$$

$$2.17 = 9x$$

$$x = 0.24$$

روزی، خوابی - بستر دیران کی اصل