


REŠITVE**1. NALOGA**

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|-----|--|---------|--------------------|
| 1.1 | Skupina X: OH; skupina Z: NH ₂
(upoštevamo tudi drugačno zaporedje simbolov elementov) | 2 x 1 T | |
| 1.2 | Skupina X: hidroksi; skupina Z: amino | 2 x 1 T | |
| 1.3 | sedem sp ² -hibridiziranih ogljikovih atomov | 1 T | |
| 1.4 | 4 π-vezi | 1 T | Skupaj: 6 T |
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2. NALOGA

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|-----|--|-----|--------------------|
| 2.1 | C ₆ H ₁₂ | 1 T | |
| 2.2 | C ₆ H ₁₂ + 9 O ₂ → 6 CO ₂ + 6 H ₂ O | 1 T | |
| 2.3 | heks-1-en | 1 T | |
| 2.4 | geometrijska izomerija | 1 T | |
| 2.5 | 1,2,3-trimetilciklopropan | 1 T | Skupaj: 5 T |
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3. NALOGA

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| 3.1 |  | 1 T | |
| 3.2 | 1,4-dietilbenzen | 1 T | |
| 3.3 | Reagent: CH ₃ Cl (priznamo tudi CH ₃ Br)
Katalizator: AlCl ₃ (priznamo tudi FeCl ₃ , FeBr ₃ in AlBr ₃) | 1 T | |
| 3.4 | Elektrofilna substitucija | 1 T | |
| 3.5 | 5 | 1 T | Skupaj: 6 T |
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4. NALOGA

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|-----|---|-----|--------------------|
| 4.1 |  | 1 T | |
| 4.2 |  | 1 T | |
| 4.3 |  | 1 T | |
| 4.4 |  | 1 T | Skupaj: 4 T |
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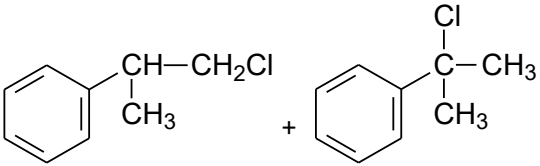
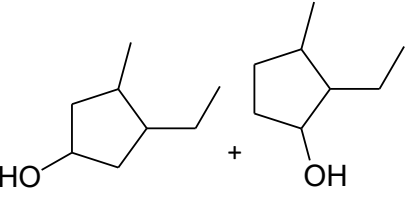
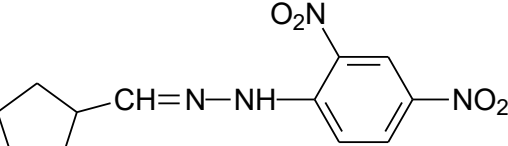
5. NALOGA

5.1	$D < A < B < C$	1 T	
5.2	Spojina C: butandial	1 T	
	Spojina D: 2,2-dimetilbutan	1 T	
5.3	Disperzijske sile (vezi)	1 T	
5.4	$\text{HO}-\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2-\text{OH}$	1 T	Skupaj: 5 T

6. NALOGA

6.1	ciklopropan	1 T	
6.2	dimetil eter <i>ali</i> metoksimetan	1 T	
6.3	funkcionalna izomerija	1 T	
6.4	verižna izomerija	1 T	
6.5	položajna izomerija	1 T	Skupaj: 5 T

7. NALOGA

7.1		2 x 1 T	
7.2		2 x 1 T	
7.3		1 T	
7.4	$\text{HOOC}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{COOH}$	1 T	Skupaj: 6 T

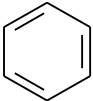
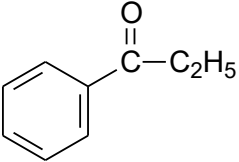
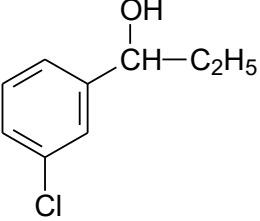
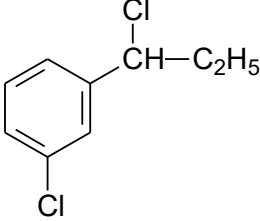
8. NALOGA

8.1	1-bromo-2,2-dimetilpropan	1 T	
8.2	radikalna substitucija	1 T	
8.3	homolitska prekinitev vezi	1 T	
8.4	 (zahteva za zapis pike/samskega elektrona)	1 T	Skupaj: 4 T

9. NALOGA

9.1	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3-\text{CH}-\text{CH}_2-\text{CH}_3 \end{array}$ 2-metilbutan	1 T	
		1 T	
9.2	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3-\text{CH}-\text{CH}=\text{CH}_2 \end{array}$	1 T	
	$\begin{array}{c} \text{CH}_3 \quad \text{Cl} \\ \quad \\ \text{CH}_3-\text{CH}-\text{CH}-\text{CH}_3 \end{array}$	1 T	
9.3	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3-\text{CH}-\text{C}\equiv\text{CH} \end{array}$	1 T	Skupaj: 5 T

10. NALOGA

A:		1 T	
B:		1 T	
C:		1 T	
D:		1 T	Skupaj: 4 T

Vse skupaj: 50 T