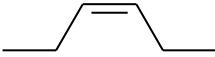


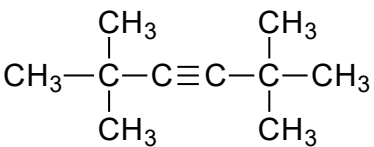
REŠITVE**1. NALOGA**

1.1	$C_{25}H_{29}I_2NO_3$ (Upoštevamo tudi drugačno zaporedje simbolov elementov.)	1 T	
1.2	109,5° (Upoštevamo vrednosti od 109° do 110°.)	1 T	
1.3	15	1 T	
1.4	redukcija	1 T	
1.5	sekundarni (alkohol)	1 T	Skupaj: 5 T

2. NALOGA

2.1	Č	1 T	
2.2	2,2-dimetilbutan	1 T	
2.3	$A < D < B$	1 T	
2.4	 (Zahteva se zapis skeletne formule.)	1 T	
2.5	disperzijske (sile/vezi)	1 T	Skupaj: 5 T

3. NALOGA

3.1	440 g (Odgovor brez enote ali z napačno enoto se točkuje z 0 točkami.)	1 T	
3.2	$C_{10}H_{18}$	1 T	
3.3	C_nH_{2n-2}	1 T	
3.4		1 T	Skupaj: 4 T

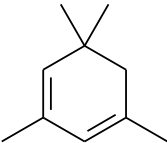
4. NALOGA

4.1	1,2,4,5-tetrametilcikloheksan	1 T	
4.2	3	1 T	
4.3	3-kloro-1,2,4,5-tetrametilcikloheksan	1 T	
4.4	A	1 T	
4.5	B	1 T	Skupaj: 5 T

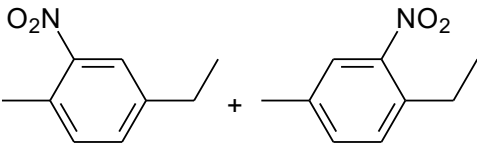
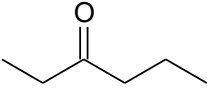
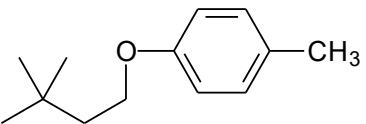
5. NALOGA

5.1	M1: elektrofilna substitucija P1: 2-fenilpropan <i>ali</i> izopropilbenzen <i>ali</i> (propan-2-il)benzen <i>ali</i> (1-metiletil)benzen	1 T	
5.2	M2: elektrofilna adicija P2: 1,2-dibromo-1,2-difeniletan	1 T	
5.3	M3: nukleofilna adicija P3: 2-hidroksi-2-metilbutannitril	1 T	
			Skupaj: 6 T

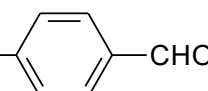
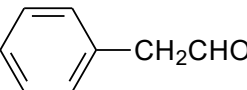
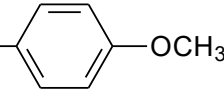
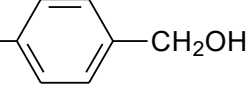
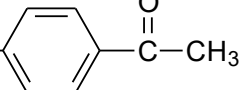
6. NALOGA

6.1	$C_{10}H_{16}$	1 T	
6.2	konjugirani	1 T	
			
6.3	1,3,5,5-tetrametilcikloheksa-1,3-dien	1 T	
6.4	hidrogeniranje	1 T	Skupaj: 5 T

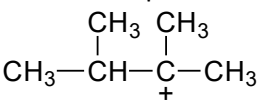
7. NALOGA

7.1		2 x 1 T	
7.2		1 T	
7.3		1 T	Skupaj: 4 T

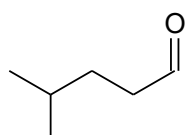
8. NALOGA

8.1	A: 	1 T	
	B: 	1 T	
	C: 	1 T	
	Č: 	1 T	
	D: 	1 T	
8.2	toluen <i>ali</i> metilbenzen	1 T	Skupaj: 6 T

9. NALOGA

9.1	2-jodo-2,3-dimetilbutan	1 T	
	2-etoksi-2,3-dimetilbutan	1 T	
9.2	heterolitska prekinitev vezi	1 T	
9.3	 (Zahteva se zapis naboja + ob ogljikovem atomu.)	1 T	
9.4	H ⁺	1 T	Skupaj: 5 T

10. NALOGA

10.1	A: 	1 T	
	B: 	1 T	
	C: 	1 T	
	Č: 	1 T	
10.2	SOCl ₂	1 T	Skupaj: 5 T

Vse skupaj: 50 T