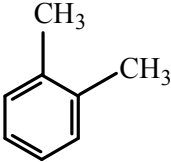
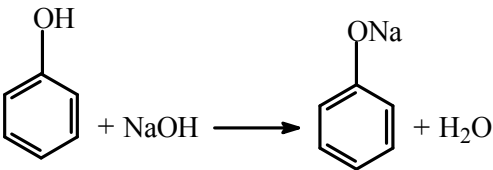




Hemijski fakultet Univerziteta u Beogradu
Prijemni ispit, 6. septembar 2017. godine
Rešenja zadataka i ključ za bodovanje testa

Zadatak	Tačan odgovor	Broj poena
1.	1. grupa; 4. perioda	2 + 2 = 4
2.	K ₂ SO ₄ ; +6	2 + 2 = 4
3.	e)	1 x 4 = 4
4.	Fe(OH) ₂ + 2 HCl → FeCl ₂ + 2 H ₂ O	1 x 4 = 4
5.	povećati 2 puta	1 x 4 = 4
6.	56	1 x 4 = 4
7.	37,5; 212,5	2 + 2 = 4
8.	a)	1 x 4 = 4
9.	2 KMnO ₄ + 16 HCl → 2 MnCl ₂ + 2 KCl + 5 Cl ₂ + 8 H ₂ O 560	2 + 2 = 4
10.	a)  b) CH ₃ CH ₂ CH ₂ CH(CH ₃)CHO c) 4,4-dimetil-1-penten d) 2-pentanon	4 x 1 = 4
11.	a)  b) CH ₃ CH(CH ₃)CH ₂ CH=CH ₂ + HBr → CH ₃ CH(CH ₃)CH ₂ CHBrCH ₃	2 + 2 = 4
12.	CH ₃ CH ₂ CH ₂ COOH + CH ₃ OH $\xrightleftharpoons{H^+}$ CH ₃ CH ₂ CH ₂ COOCH ₃ + H ₂ O	1 x 4 = 4
13.	a) NE; b) DA; c) DA; d) DA	4 x 1 = 4
14.	c)	1 x 4 = 4
15.	d)	1 x 4 = 4
Ukupno:		60 poena