

Adı Soyadı:

Numarası:

Tarih: 05/01/2015

Dersin Adı: *Organik Kimya I (Final)*

Bölümü: *Kimya Tekn.*

Yarıyılı: *Güz-2014*

Sınıfı **II**

Şubesi

N.Ö

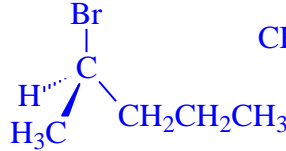
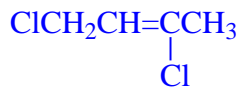
i.Ö

Öğrencinin İmzası

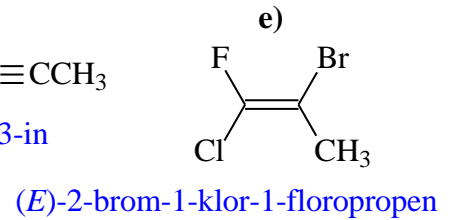
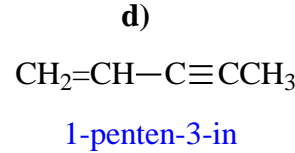
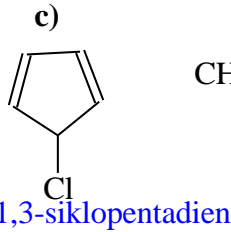
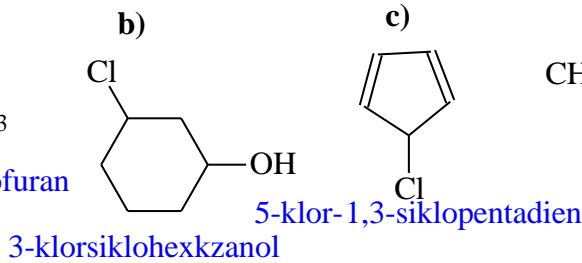
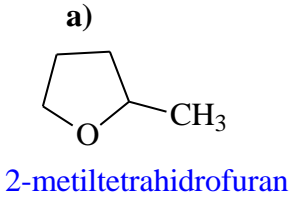
Öğretim Elemanının Adı Soyadı: *Prof. Dr. Mustafa ODABAŞOĞLU*

1. Aşağıda adları verilenlerin bileşiklerin formüllerini yazınız (15 Puan).

- a) 1,1,2-trifloreten b) 1,3-diklor-2-büten c) (R)-2-brompentan d) dietiler e) 2-bütantiyol

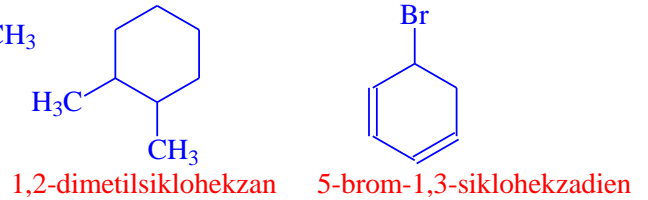
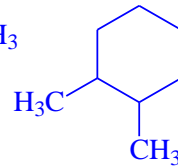
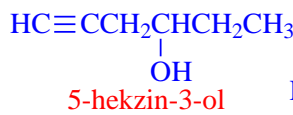
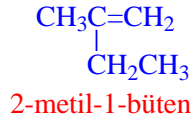
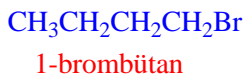


2. Aşağıda formülleri verilenlerin bileşiklerin adlarını yazınız (15 Puan).

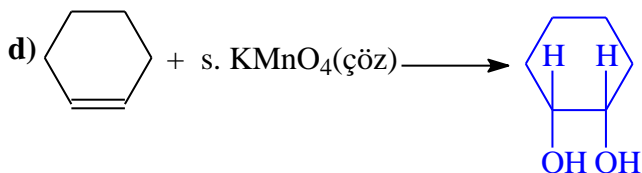
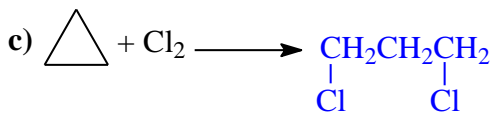
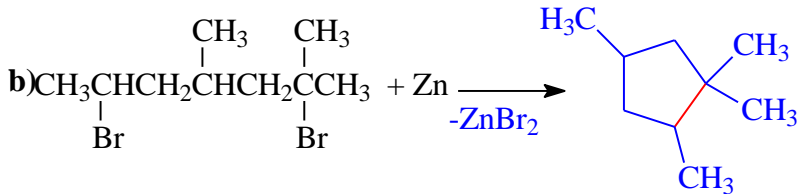
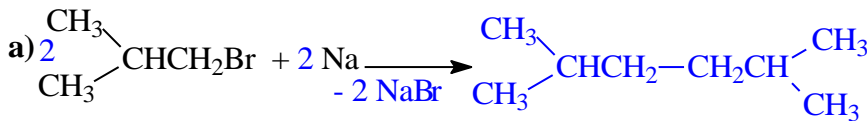


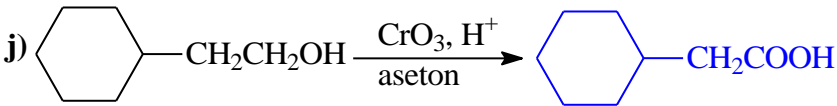
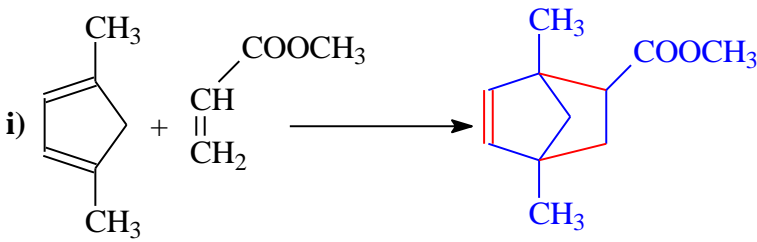
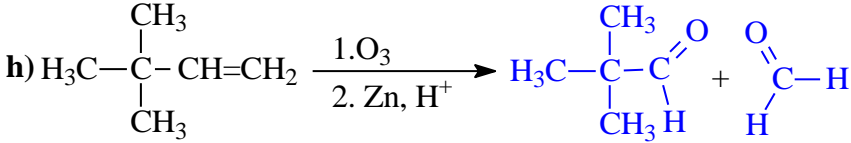
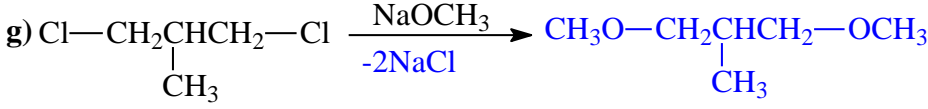
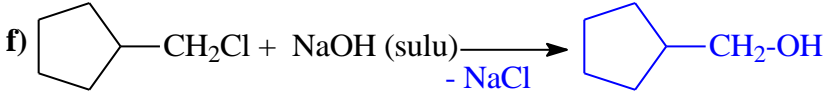
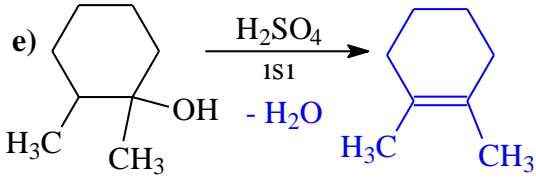
3. Aşağıda verilen bileşikler için bir yapı yazınız. Yazdığımız formüllerin doğru adlarını yazınız. (20 Puan).

- a) 1-metil-3-brompropan b) 2-etil-1-propen c) 1-hekzin-4-ol d) 4,5-dimetilsikloheksan e) 1-brom-2,4-sikloheksadien

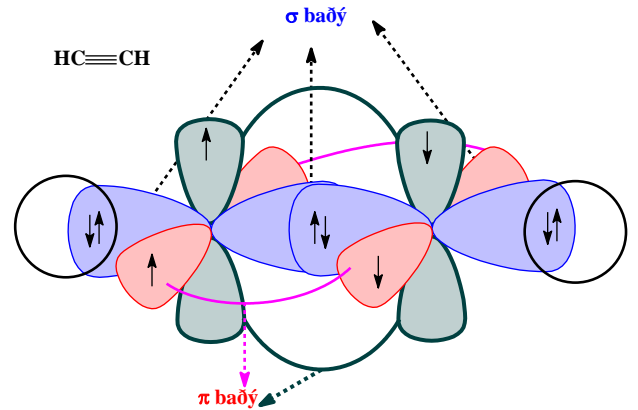
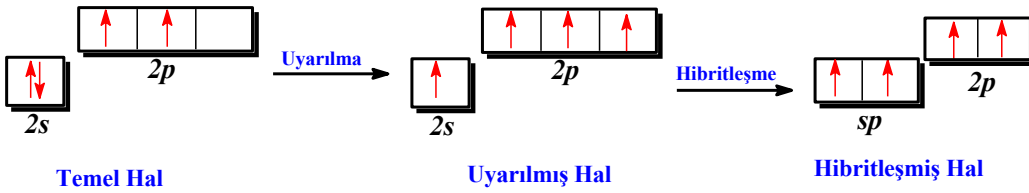


4. Aşağıda verilen reaksiyonları tamamlayınız (30Puan).





5. Karbonun hibritleşmesini göstererek HC≡CH molekülünün geometrik yapısını çiziniz (C=6) (10 Puan).



6. Uygun reaktifler kullanarak izopropil alkolden n-propilalkol sentezleyiniz (10 Puan)

