



Adı Soyadı:

Numarası:

Tarih: 13/04/2015

Dersin Adı: *Organik Kimya II* (ara sınav)

Bölümü: *Kimya Tekn.*

Yarı yıl: *Bahar 2015*

Sınıfı *II*

N.Ö.

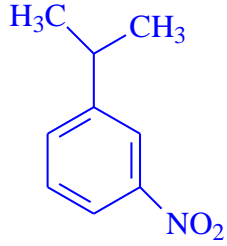
i.Ö.

Öğrencinin İmzası

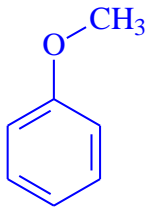
Öğretim Elemanı Adı Soyadı: *Prof. Dr. Mustafa ODABAŞOĞLU*

1. Aşağıda adları verilenlerin formüllerini yazınız (20 Puan).

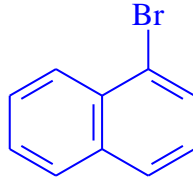
a) *m*-nitrokümen



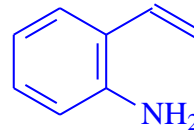
b) anisol



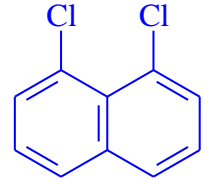
c) α -naftilbromür



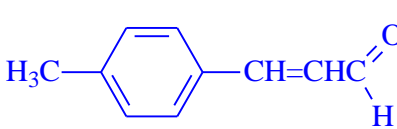
d) *o*-aminostiren



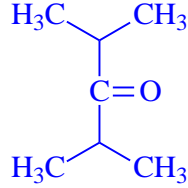
e) 1,8-dikloronaftalin



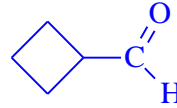
f) *p*-metiltarçın aldehit



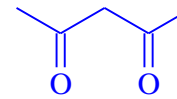
g) dizopropil keton



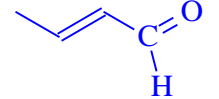
h) siklobütan karbaldehit



i) 2,4-pentandion

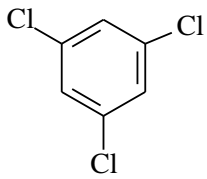


k) 2-bütenal



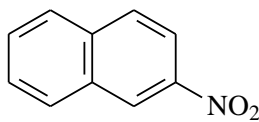
2. Aşağıda formülleri verilenlerin adlarını yazınız (20 Puan).

a



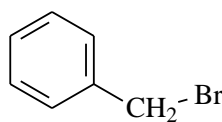
1,3,5-triklorbenzen

b



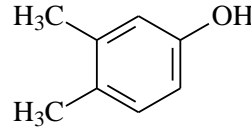
2-nitronaftalin
(β -nitronaftalin)

c



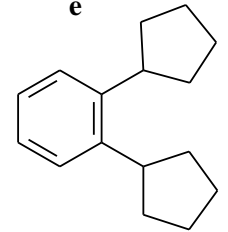
benzilbromür

d



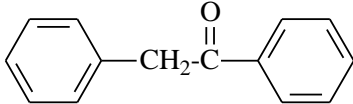
3,4-dimetilfenol

e



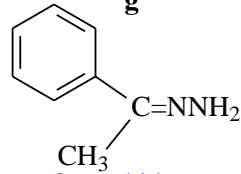
1,2-disiklopentilbenzen
(*o*-disiklopentilbenzen)

f



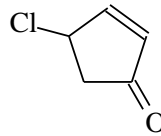
benzilfenilketon
(1,2-difeniletanon)

g



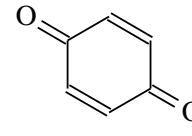
asetofenon hidrazon
[1-(1-feniletilden)hidrazin]

h



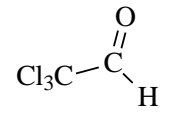
4-klor-2-siklopentenon
(4-klorosiklopent-2-enon)

i



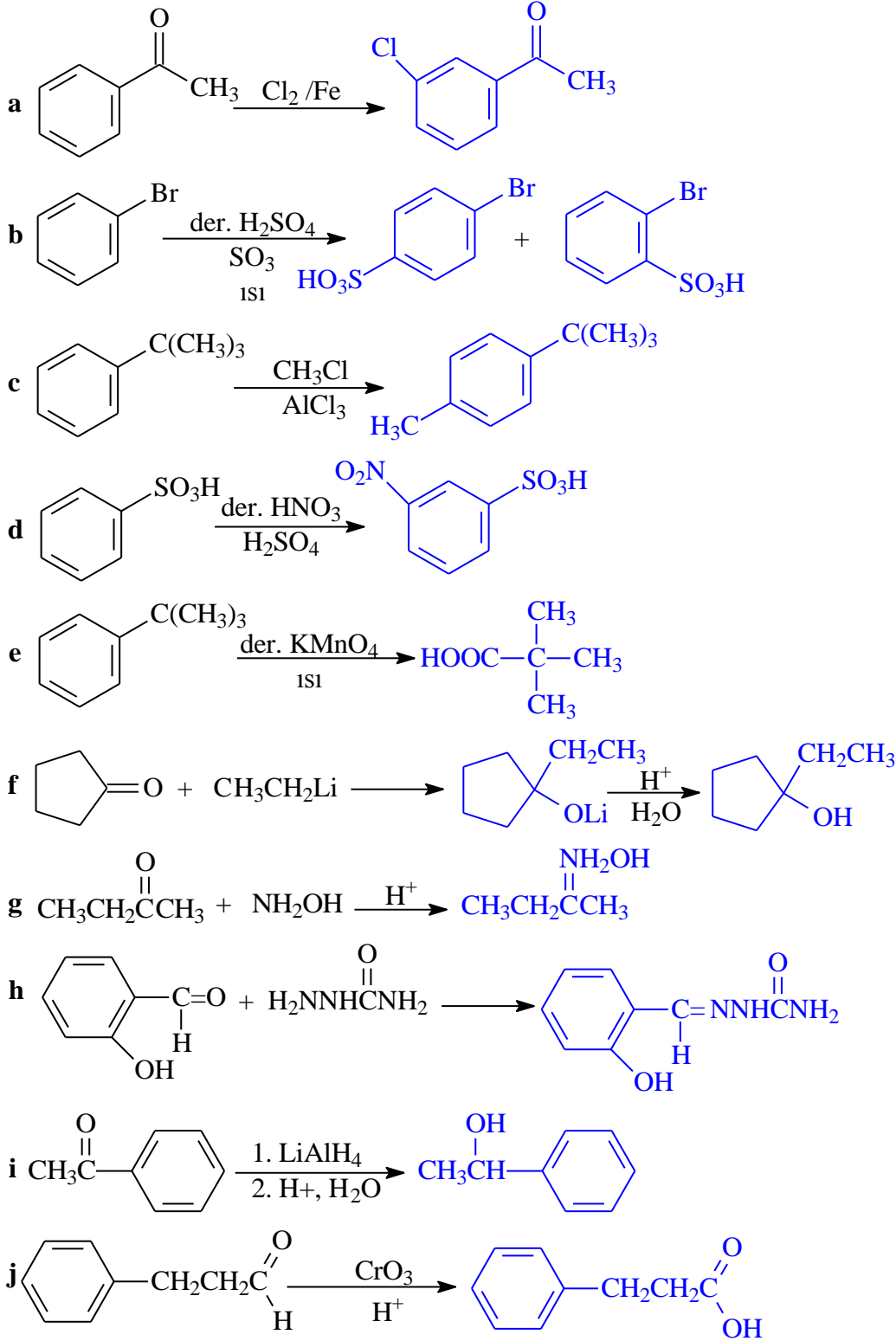
p-benzokinin
(siklohekza-2,5-dien-1,4-dion)

j



kloral
(triklorasetaldehit)

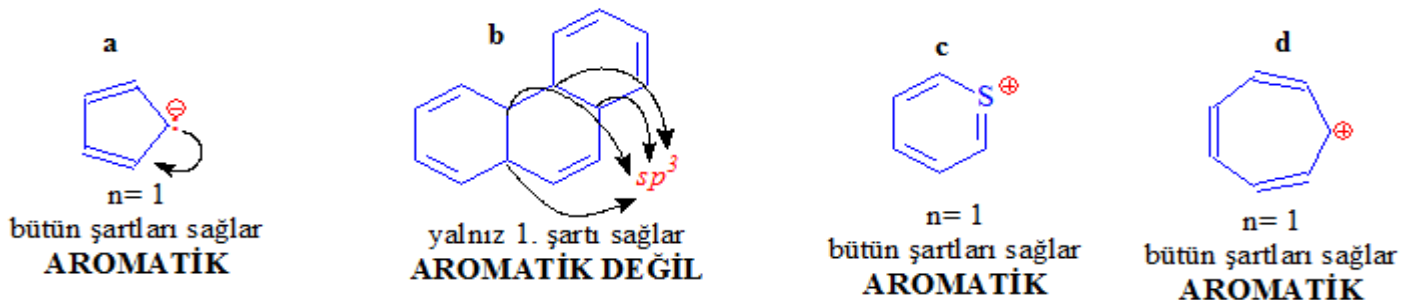
2. Aşağıda verilen reaksiyonları tamamlayınız (30Puan).



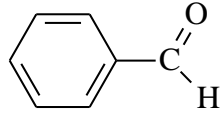
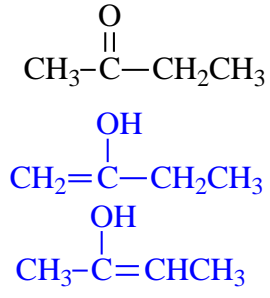
3. Aşağıda verilen bileşikler aromatik midir? Neden ? (10 Puan)

Aromatik yapılar;

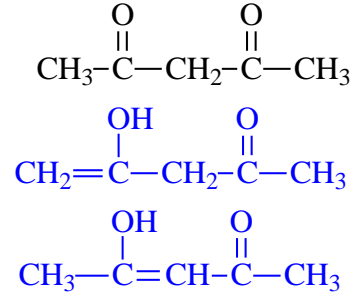
1. Halkalı olmalı 2. Düzlemsel olmalı 3. Konjuge π -sistemine sahip olmalı 4. $(4n+2)$ π elektronu taşımaları



4. Aşağıda verilen bileşiklerin enol yapılarını yazınız. (10 Puan)



α -protonu taşımadığından
enol yapısı yoktur



5. Uygun reaktifler kullanarak naftalinden β -naftol sentezleyiniz (10 Puan)

