



HL-003-010304

Seat No. _____

M. Sc. (Chemistry) (Sem. III) (CBCS) Examination

May / June - 2017

C(OP) - 302 : Organo Pharmaceutical Chemistry
(Disconnection Approach) (New Course)

Faculty Code : 003

Subject Code : 010304

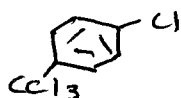
Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

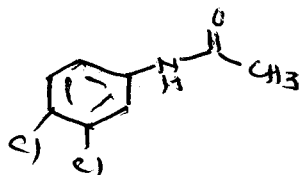
- Instructions :** (1) All questions carry equal marks.
(2) Attempt all questions.

1 Answer the following : (any seven)

- (i) Define FGI considering a suitable example.
(ii) Explain disconnection and write synthesis of

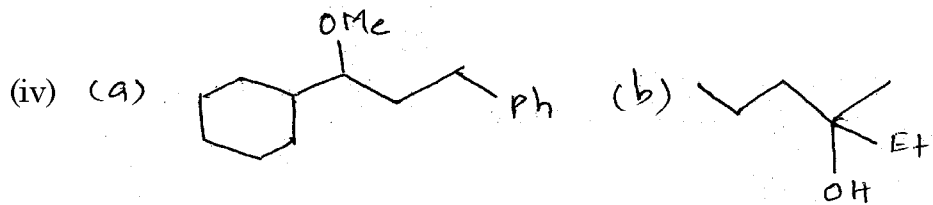
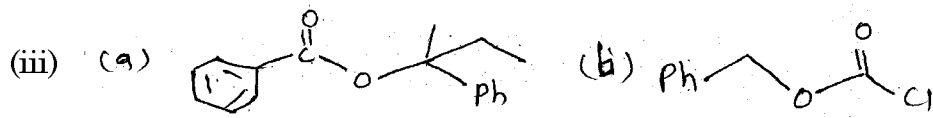
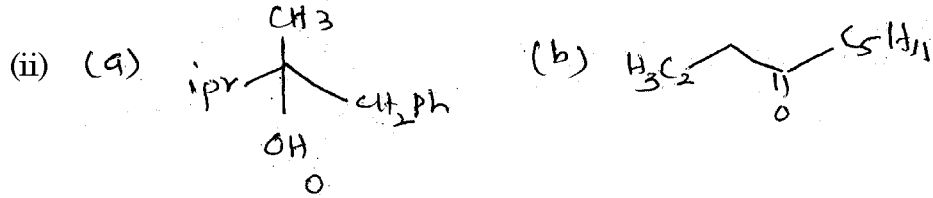
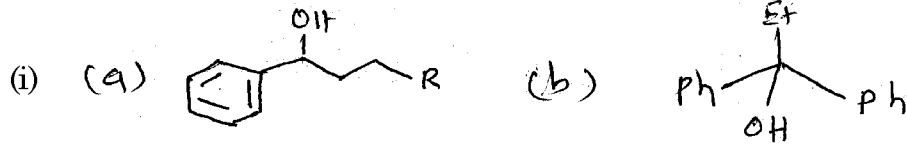


- (iii) Explain one group disconnection with suitable example.
(iv) Explain two group disconnection with suitable example.
(v) Give disconnection and write synthesis of

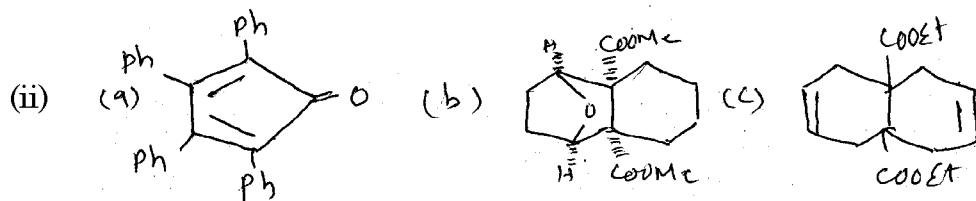
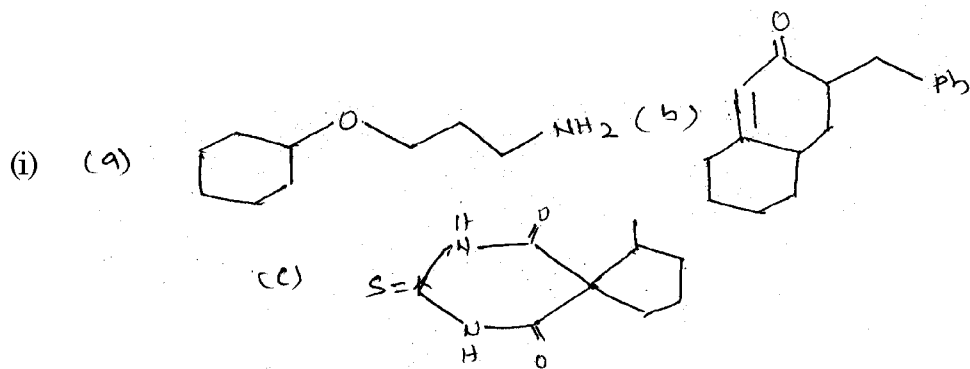


- (vi) Explain disconnection of saccharin.
(vii) Explain disconnection of piperonal.
(viii) Explain T.M.
(ix) Explain the term order of events.

2 Answer the following : (any three)



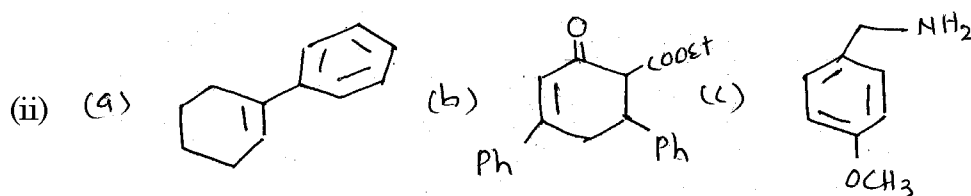
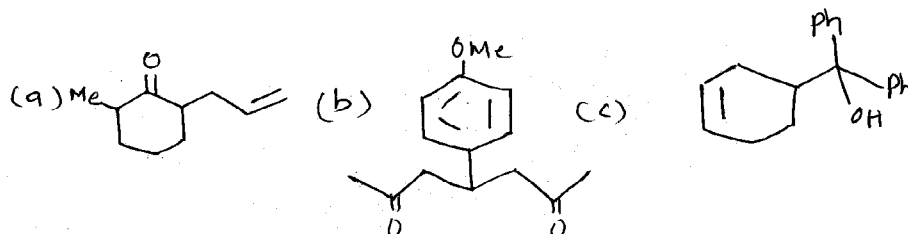
3 Answer the following :



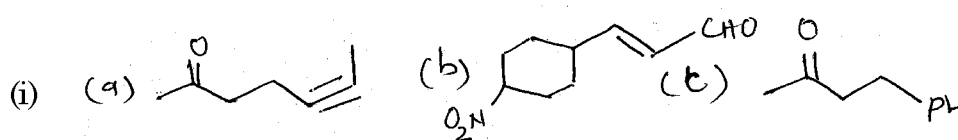
OR

3 Answer the following :

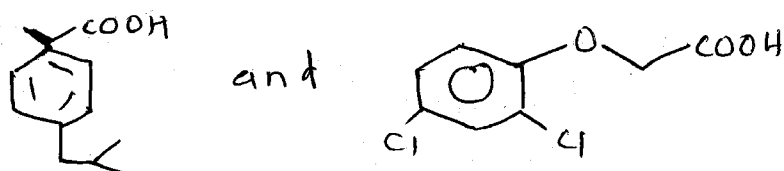
(i) Give retrosynthesis of following TM's and explain its synthesis.



4 Answer the following : (any two)



(ii) (a) Explain disconnection and write synthesis of



(iii) Write a short note on reversal of polarity.

5 Answer the following : (any three)

