



Seat No. _____

HAK-003-1103006

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

May - 2023

C(OP)-302 : Organic Synthesis :

A Disconnection Approach

(New Course)

Faculty Code : 003

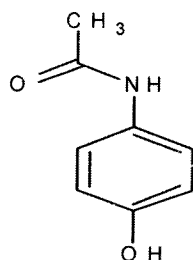
Subject Code : 1103006

Time : $2\frac{1}{2}$ Hours / Total Marks : 70

- Instructions :**
- (1) All questions carry equal marks.
 - (2) All five questions are compulsory.

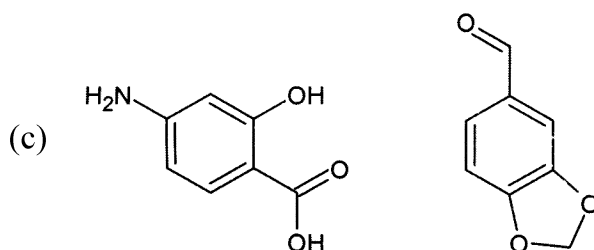
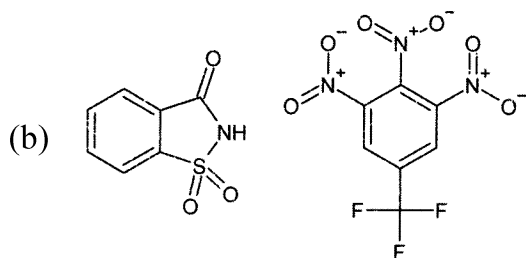
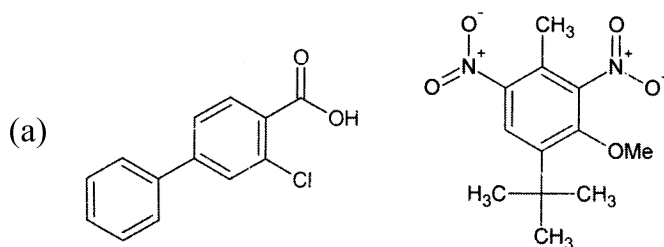
1 Answer the following : (any seven) **14**

- Explain the term, "Disconnection Approach".
- Define : TM and FGI.
- Explain FGI considering suitable example.
- Explain the term order of events.
- Explain one group disconnection considering suitable example.
- Explain two group disconnection considering suitable example.
- Explain the term "Umpolung".
- Explain protection and deprotection.
- Explain Synthons and Synthetic equivalent.
- Analyse :



2 Analyse and give synthesis : (any two)

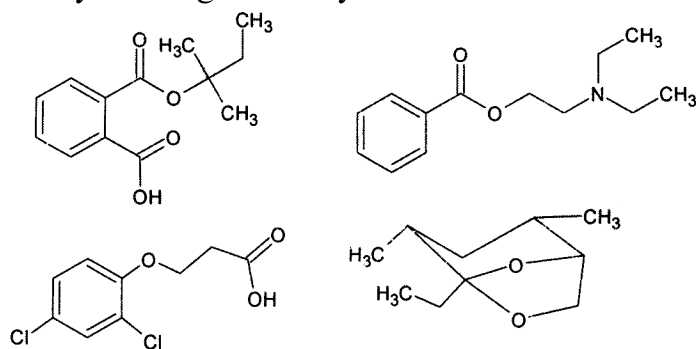
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3 Answer the following :

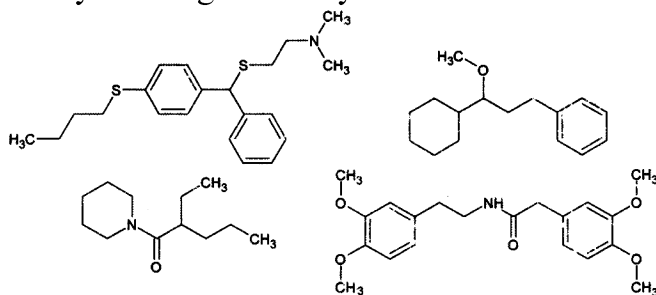
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(a) Analyse and give the synthesis :



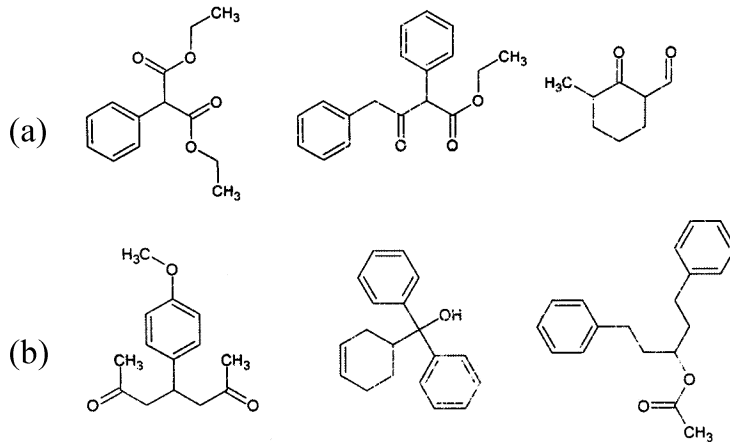
OR

(a) Analyse and give the synthesis :



4 Analyse and give the synthesis :

14



5 Answer the following : (any two)

14

