

Online Test-No-1 Organic Chemistry

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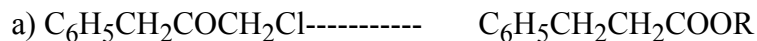
Dahiwadi College Dahiwadi

Department of Chemistry

Online Test-No-1

Class- B.Sc.III Sub- Organic Chemistry Paper No- XV, Sem-VI Marks -19 Date 19.4.2020 time -6.00 Pm - 6:20Pm

1. In Oppenauer reaction-----is converted to----- (1 point)
- Alcohol, alkene
 - acid, alcohol
 - alcohol , aldehyde
 - Aldehyde , alcohol
2. Witting reagent is ----- (1 point)
- $\text{Al}(\text{O CMe}_3)_3$
 - $\text{Ph}_3\text{P}=\text{CRR}'$
 - $\text{Al}(\text{O CH MeMe}_2)_3$
 - all of these
3. In presence of an amine base Favorskii rearrangement forms----- (1 point)
- amide
 - carboxylic acid
 - ester
 - ketone
4. The reaction given below in presence of base is an example of, (1 point)



- Dieckmann
- Diels-Alder
- Michael
- Favorskii

5. An example of Michael donor is----- (1 point)

- Carbanion
- enolate
- enamine
- any of these

6. Starting material of Schmidt reaction is----- (1 point)

- 1,3 butadiene + ethylene
- phthalilamide + Br_2 + KOH
- Phenyl acetic acid + HN_3
- all of these

7. What is not true about Diels-Alder reaction? (1 point)

- Single step concerted Mechanism
- cyclic T.S. formation
- pericyclic reaction
- occurs by multi-step consecutive mechanism

8. Dieckmann condensation is given by ----- (1 point)

- di-ester
- 2^o alcohol
- alpha halogenated ketone

- 1,3 diene
9. Michael donor generate strong nucleophile namely..... (1 point)
- acetoacetic ester
- cyanoacetic ester
- Diethyl malonate
- all of these
10. The diene that cannot enter into 1,4, cycloaddition (1 point)
- 1,3 cyclopentadiene
- Furon
- Naphthalene
- pyrrol
11. (4+2) cycloaddition occurs between the reactants (1 point)
- dienophile & alkane
- dienophile & diene
- carboxylic & hydrazoic acid
- Dienophile & LAH
12. Wagner Meerwein rearrangement is shown by branched..... (1 point)
- Alkenes
- Alkyl Halides
- Alcohols
- all of these
13. Primary amine can be conveniently prepared by -----reaction. (1 point)
- Benzilic Acid

- Diels Alder reaction
- Hofmann bromamide
- witting

14. Cyclopropanone intermediate is formed in----- reaction (1 point)

- Dieckmann
- Favorskii
- Michael
- Diels-Alder

15. In M.P.V. ----- is converted into ----- in presence of $\text{Al}(\text{OCH}_2\text{Me})_3$ and $\text{Me}_2\text{CH.OH}$ (1 point)

- aldehyde , 1^oalcohol ,
- aldehyde , amine
- ketone, amide ,
- 2^o alcohol , aldehyde