

ACHARYA NAGARJUNA UNIVERSITY
DEPARTMENT OF CHEMISTRY
M.Sc. CHEMISTRY :: SEMESTER-II
PRACTICAL-II: ORGANIC CHEMISTRY (R22CH26)

(For the students admitted from the A.Y. 2022-2023 onwards)


Max. Marks: 100

(Internal-30M & External-70M)

(Minimum Five Experiments must be carryout)

- 1) **Identification Functional Groups in Organic Compounds:** Phenol, bases, organic acid, ketone, aldehyde, amide and carbohydrate with preparation of two solid derivatives.
 - i) Identification of given two compounds with preparation of two solid derivatives and
 - ii) Reporting of the melting points for derivatives.

- 2) **Purification of Derivatives:** The student has to do recrystallization to final derivatives(s) and submit the sample. If the sample is impure liquid must carryout distillation process.


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