SEMESTER-IV

SYNTHESIS OF DRUGS

PRACTICAL SYLLABUS

ProgrammeM.Sc **Max. Marks: 50**
Course code: P20/CHE/DSC/401/P **No. of Hrs/Week : 4Hrs**
Course Type: DSC
No. of Credits-2

COURSE OUTCOME

CO1: Describe organic chemical reactions and explain their associated reaction mechanisms and apply this to drug molecules.

CO2: Importance of synthesis of drugs in day today life.

Synthesis of the following Drugs :

1. Paracetamol
2. Phenytoin
3. Benzocain
4. Chloritone
5. 4-Aminobenzene
6. Sulfonamide
7. Antipyrine
8. Phenothiazine

Reference books:

1. Practical organic chemistry by Mann & Saunders
2. Text book of practical organic chemistry by Vogel

SYNTHESIS OF DRUGS

PRACTICAL MODEL PAPER

COURSE CODE: P20/CHE/DSC/401/P **Max. Marks: 50**
Credits: 2 **MaxTime:3hrs**

1. Write the principle involved in the preparation of the given Drug molecule. 10 M

(CO1&CO2)

2. Synthesize the given Drug molecule and report its melting point.(CO1) 25 M

3. Record andAttendance 5 M

4. Vivavoice 10 M