

SEMESTER – VI
PHARMACEUTICAL BIOCHEMISTRY
PRACTICAL

Programme: B.Sc.
Course Code: U20/BIC/DSE/602/P
Course Type: DSE – 1
No. of credits: 1

Max. Hours: 45
Hours per week: 3
Max. Marks: 50

Course objective:

Prepare students for Industries like pharmaceutical R & D and Clinical Trials.

Course Outcomes:

CO1: Enhance knowledge on drug labels.

CO2: Analyse various components of pharmaceuticals

PRACTICAL SESSIONS

1. Phytochemical screening of a medicinal plant.
2. Qualitative Analysis of Phytochemicals.
3. Estimation of Total Phenols by Folin – Ciocalteu method.
4. Estimation of Flavonoids and assessment of its medicinal role
5. Determination of Antioxidant enzyme – catalase.
6. Estimation of Bilirubin by Vanden Bergh reaction
7. Kidney Function Test & calculation of clearance.
8. Preparation of ORS.
9. Preparation of Condyl's Lotion.
10. Understating drug label and drug composition.
11. Case study.

MODEL QUESTION PAPER
PRACTICAL

Course Code: U20/BIC/DSC/101/P
Credits: 1

Max. Time: 2 Hrs
Max. Marks: 50

Answer the following

1. Write the principles for the given experiments. 2 x 5 = 10 M
 - a)
 - b)
2. Quantitatively estimate the given sample using the appropriate method. 20 M
Plot the calibration curve for the standard. Identify the concentration for the given unknown sample.
3. Case Study 10 M
4. Viva 5 M
5. Record 5 M