

ALLIED PRACTICAL I

Sem	Sub. Code	Category	Lecture		Theory		Practical		Credits
			Hrs/ week	Hrs/ sem.	Hrs/ week	Hrs/ sem.	Hrs/ week	Hrs/ sem.	
II	21CABC21	Allied Practical	-	-	-	-	3	45	2

VOLUMETRIC ESTIMATION

1. Estimation of HCl using suitable bases.
2. Estimation of Iron in Ferrous Ammonium Sulphate using potassium permanganate as link solution.
3. Estimation of Glucose by Benedict's method
4. Estimation of Glycine by formal titration
5. Estimation of Ascorbic acid

QUALITATIVE ANALYSIS

1. Carbohydrates: Glucose, Fructose, Galactose, Sucrose, Maltose, Lactose and Xylose
2. Aminoacids: Arginine, Cysteine, Tryptophan and Tyrosine.

COLORIMETRIC ANALYSIS (Only for demonstration)

1. Estimation of Protein by Biuret method.
2. Estimation of DNA using diphenylamine.
3. Estimation of Glucose by O-Toluidine.

TEXT BOOKS

S. NO	AUTHORS	TITLE	PUBLISHERS	YEAR OF PUBLICATION
1.	RanjnaChawla	Practical Clinical Biochemistry Methods and Interpretations	Jaypee Brothers Medical Publishers	2014
2.	Harold Varley	Practical Clinical Biochemistry	CBS	2005
3.	DamodaranGeetha K	Practical biochemistry	Jaypee Brothers Medical Publishers	2016
4.	J.Jayaraman	Laboratory Manual in Biochemistry	New age International publishers	2011
5.	RamnikSood	Medical laboratory Technology	Jaypee	2006

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