

Lesson Plan

Name of the Faculty : VARINDER KAUR
 Discipline : PHARMACY
 Semester : 1ST
 Subject : Biochemistry
 Lesson Plan Duration : (January 2018 to April 2018)

Week	Theory	Practical (2 Hours)		
	Lecture Day	Topic(Including assignment/ test)	Practical week	Topic
1 st	1 st	Introduction to Metabolism of glucose	1st	Preparation of Reagents (Stock & Working) B1
	2 nd	Contd. (above)		B2
	3 rd	Contd. (above)		B3
2 nd	4 th	Principle & methods of estimation	2nd	Estimation of Blood Sugar by O-Toluidine method. B1
	5 th	Contd. (above)		B2
	6 th	Reference value & Renal threshold		B3
3 rd	7 th	Importance & performance of GTT.	3rd	Estimation of Blood Sugar by Enzymatic method. B1
	8 th	Contd. (above)		B2
	9 th	Clinical importance of Blood Sugar & GTT.		B3
4 th	10 th	Formation & Excretion of urea	4th	Estimation of Blood Sugar by Folin Wu method. B1
	11 th	Principle & methods of estimation of urea		B2
	12 th	Contd. (above)		B3
5 th	13 th	Reference value & Clinical importance	5th	Performance of GTT. B1
	14 th	Revision		B2
	15 th	Revision		B3
6 th	16 th	Introduction of S. Creatnine	6th	Test-1 B1
	17 th	Principle & Procedure of different method of S. Creatnine		B2
	18 th	Reference value & Clinical importance		B3
7 th	19 th	Class test	7th	Estimation of

				Blood Urea . B1
	20 th	Class test		B2
	21 st	Class test		B3
8 th	22 nd	Introduction to S. Proteins	8th	Estimation of S.Creatnine B1
	23 rd	Different methods of estimation including Principle & Procedure		B2
	24 th	Contd. (above)		B3
9 th	25 th	Reference value & Clinical importance	9th	Estimation of S.Uric Acid. B1
	26 th	Contd. (above)		B2
	27 th	Introduction to Electrolytes		B3
10 th	28 th	Principle & Procedure of estimation of Na, K & Cl.	10th	Repetition of Practicals. B1
	29 th	Contd. (above)		B2
	30 th	Contd. (above)		B3
11 th	31 st	Reference value & Clinical importance	11th	Estimation of S.Protein. B1
	32 nd	Contd. (above)		B2
	33 rd	Trace Elements		B3
12 th	34 th	Revision	12th	Test-II. B1
	35 th	Revision		B2
	36 th	Revision		B3
13 th	37 th	Introduction to Uric Acid	13th	Estimation of Electrolytes .Na, K B1
	38 th	Principle & Procedure of estimation of various methods.		B2
	39 th	Contd. (above)		B3
14 th	40 th	Reference value & Clinical importance	14th	Estimation of Electrolytes - Chloride. B1
	41 st	Introduction to Quality assurance		B2
	42 nd	Contd. (above)		B3
15 th	43 rd	Internal Quality Assurance	15th	Repetition. B1
	44 th	External Quality Assurance		B2
	45 th	Revision		B3