

Name of the Faculty : Miss. Manisha

Discipline : DMLT

Semester : 4<sup>th</sup>

Subject : Haematology-IV

Lesson Plan Duration : One Hour

\*\*Work Load(Lecture/Practical) per week (in hours); Lectures -03, Practicals-03

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/ test)	Practical Day	Topic
1st	1 <sup>st</sup>	Introduction to Normal Haemostasis- Introduction	1 <sup>st</sup>	Introduction to CT/BT
	2 <sup>nd</sup>	Introduction to Normal Haemostasis- Thories of Blood Coagulation	2 <sup>nd</sup>	Demonstration of Bleeding Time by LVY's and DUKE's Method
	3 <sup>rd</sup>	Introduction to Normal Haemostasis- Thories of Blood Coagulation	3 <sup>rd</sup>	Demonstration of Bleeding Time by LVY's and DUKE's Method
2nd	4 <sup>th</sup>	Introduction to Normal Haemostasis- Platelet and their role in Hamostatsis including count	4 <sup>th</sup>	Demonstration of Bleeding Time by LVY's and DUKE's Method
	5 <sup>th</sup>	Introduction to Normal Haemostasis- Platelet and their role in Hamostatsis including count	5 <sup>th</sup>	Demonstration of Bleeding Time by LVY's and DUKE's Method
	6 <sup>th</sup>	Bleeding Disorders related Diseases	6 <sup>th</sup>	Demonstration of Clotting Time by LEE and WHITE Method

3rd	7 <sup>th</sup>	Bleeding Disorders related Diseases	7 <sup>th</sup>	Demonstration of Clotting Time by LEE and WHITE Method
	8 <sup>th</sup>	Prothrombin Time Index (PTI)	8 <sup>th</sup>	Demonstration of Clotting Time by LEE and WHITE Method
	9 <sup>th</sup>	Prothrombin Time Index (PTI)	9 <sup>th</sup>	Demonstration of Clotting Time by LEE and WHITE Method
4th	10 <sup>th</sup>	International Normalized Ratio	10 <sup>th</sup>	Demonstration of Prothrombin Time, Index, INR
	11 <sup>th</sup>	Activated Partial Thromboplastin Time (APTT)	11 <sup>th</sup>	Demonstration of Prothrombin Time, Index, INR
	12 <sup>th</sup>	Activated Partial Thromboplastin Time (APTT)	12 <sup>th</sup>	Demonstration of Prothrombin Time, Index, INR
5th	13 <sup>th</sup>	Thrombin Time (TT)	13 <sup>th</sup>	Demonstration of Activated Partial Thromboplastin Time (APTT)
	14 <sup>th</sup>	Thrombin Time (TT)	14 <sup>th</sup>	Demonstration of Activated Partial Thromboplastin Time (APTT)
	15 <sup>th</sup>	Bleeding Time (BT)	15 <sup>th</sup>	Demonstration of Activated Partial Thromboplastin Time (APTT)
6th	16 <sup>th</sup>	Bleeding Time (BT)	16 <sup>th</sup>	Demonstration of Hess Test
	17 <sup>th</sup>	Hess Test	17 <sup>th</sup>	Demonstration of Hess Test
	18 <sup>th</sup>	Clotting Time (CT)	18 <sup>th</sup>	Performance of CRT ( Clot Retraction Test )
7th	19 <sup>th</sup>	Clotting Time (CT)	19 <sup>th</sup>	Performance of CRT ( Clot Retraction Test )
	20 <sup>th</sup>	Clot Retraction Test (CRT)	20 <sup>th</sup>	Performance of CRT ( Clot

				Retraction Test )
	21 <sup>st</sup>	Clot Retraction Test (CRT)	21 <sup>st</sup>	Demonstration of L.E Cell
8 <sup>th</sup>	22 <sup>nd</sup>	Revision	22 <sup>nd</sup>	Demonstration of L.E Cell
	23 <sup>rd</sup>	Bone-Marrow-Composition and Function of Bone-Marrow	23 <sup>rd</sup>	Cell Count of Biological fluids
	24 <sup>th</sup>	Bone-Marrow-Composition and Function of Bone-Marrow	24 <sup>th</sup>	Cell Count of Biological fluids
9 <sup>th</sup>	25 <sup>th</sup>	Bone-Marrow-Composition and Function of Bone-Marrow	25 <sup>th</sup>	Semen Analysis
	26 <sup>th</sup>	Aspiration of Bone-Marrow by Various Method	26 <sup>th</sup>	Semen Analysis
	27 <sup>th</sup>	Preparation, Staining and Examination of Bone Smear for Mycogram including M.E. Ratio		
10 <sup>th</sup>	28 <sup>th</sup>	Iron staining (Perl'sReaction)		
	29 <sup>th</sup>	Significance of Bone-Marrow Examination		
	30 <sup>th</sup>	Leukemia-Definition of Lukemias		
11 <sup>th</sup>	31 <sup>st</sup>	Leukemia-Definition of Lukemias		
	32 <sup>nd</sup>	Leukemia- FAB Classification		
	33 <sup>rd</sup>	Leukemia- FAB Classification		
12 <sup>th</sup>	34 <sup>th</sup>	Leukemia- FAB Classification		
	35 <sup>th</sup>	Leukemia-Laboratory		

		Diagnosis of various Leukemias		
	36 <sup>th</sup>	Leukemia- Laboratory Diagnosis of various Leukemias		
13 <sup>th</sup>	37 <sup>th</sup>	Revision		
	38 <sup>th</sup>	Test		
	39 <sup>th</sup>	Revision		
14 <sup>th</sup>	40 <sup>th</sup>	L.E Cell Phenomenon – Phenomenon of L.E cell, its differentiation from Tart Cell		
	41 <sup>st</sup>	L.E Cell Phenomenon – Demonstration of L.E Cell by various Methods, Clinical Significance		
	42 <sup>nd</sup>	Semen Analysis in Detail		
15 <sup>th</sup>	43 <sup>rd</sup>	Semen Analysis in Detail		
	44 <sup>th</sup>	Semen Analysis in Detail		
	45 <sup>th</sup>	Cell Counts of Various Biological Fluids		
16 <sup>th</sup>	46 <sup>th</sup>	Cell Counts of Various Biological Fluids		
	47 <sup>th</sup>	Cell Counts of Various Biological Fluids		
	48 <sup>th</sup>	Cell Counts of Various Biological Fluids		

*Principal*

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