

Name of the Faculty : Mr. Rambir

Discipline : DMLT

Semester : 4th

Subject : Medical Laboratory Management

Lesson Plan Duration : One Hour

**Work Load(Lecture/Practical) per week (in hours); Lectures -04, Practical's -

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/ test)	Practical Day	Topic
1st	1 st	Introduction, layout , facility of Clinical lab- Role of Medical Laboratory Technology in Total Health care		
	2 nd	Introduction, layout , facility of Clinical lab- Role of Medical Laboratory Technology in Total Health care		
	3 RD	Introduction, layout , facility of Clinical lab- Principle of Management		
2nd	4 th	Introduction, layout , facility of Clinical lab- Principle of Management		
	5 th	Introduction, layout , facility of Clinical lab- Techniques of Planning		
	6 th	Introduction, layout , facility of Clinical lab-		

		Techniques of Planning		
3rd	7 th	Introduction, layout , facility of Clinical lab- Physical facilities/ Equipments- layout and Design		
	8 th	Introduction, layout , facility of Clinical lab- Physical facilities/ Equipments- layout and Design		
	9 th	Lab Organization and Layout: Lab Organization, Operation, Job Description, Evaluation and Performance		
4th	10 th	Lab Organization and Layout: Lab Organization, Operation, Job Description, Evaluation and Performance		
	11 th	Lab Organization and Layout: Lab Organization, Operation, Job Description, Evaluation and Performance		
	12 th	Lab Organization and Layout : Layout of Clinical Laboratories		
5th	13 th	Lab Organization and Layout : Layout of Blood Bank		
	14 th	Lab Organization and Layout : Layout of Blood Bank		

	15 th	Revision		
6th	16 th	Revision		
	17 th	Material Required: Material Management		
	18 th	Material Required: Procurement		
7th	19 th	Material Required: Financial Resources		
	20 th	Material Required: Importing, Inventory Control		
	21 st	Material Required: Analysis, Inspection, Storage		
8th	22 nd	Revision		
	23 rd	Quality Assurance:- Analytical Control		
	24 th	Quality Assurance:- Internal and external Quality Assurance in Clinical Laboratories		
9th	25 th	Quality Assurance:- Internal and external Quality Assurance in Clinical Laboratories		
	26 th	Quality Assurance:- Internal and external Quality Assurance in Clinical Laboratories		
	27 th	Quality Assurance:- Internal and external Quality Assurance in		


		Clinical Laboratories		
10 th	28 th	Quality Assurance:- Internal and external Quality Assurance in Clinical Laboratories		
	29 th	Quality Assurance: Precision, Accuracy, Stand Deviation as per National standard		
	30 th	Quality Assurance: Precision, Accuracy, Stand Deviation as per National standard		
11 th	31 st	Quality Assurance: Precision, Accuracy, Stand Deviation as per National standard		
	32 nd	Revision		
	33 rd	Safety Precautions: Safety Measures in Clinical Labs- (Microbiology, Haematology, Biochemistry, histopathology and cytology, Transfusion Medicine)		
12 th	34 th	Safety Precautions: Safety Measures in Clinical Labs- (Microbiology, Haematology, Biochemistry, histopathology and cytology, Transfusion Medicine)		

	35 th	Safety Precautions: Safety Measures in Clinical Labs- (Microbiology, Haematology, Biochemistry, histopathology and cytology, Transfusion Medicine)		
	36 th	Safety Precautions: Safety Measures in Clinical Labs- (Microbiology, Haematology, Biochemistry, histopathology and cytology, Transfusion Medicine)		
13 th	37 th	Safety Precautions: Safety Measures in Clinical Labs- (Microbiology, Haematology, Biochemistry, histopathology and cytology, Transfusion Medicine)		
	38 th	Safety Precautions: Disposal of Bio Medical Waste		
	39 th	First Aid In Clinical Lab :- Acid Burn/ Alkali Burn		
14 th	40 th	First Aid In Clinical Lab :- Acid Burn/ Alkali Burn		
	41 st	First Aid In Clinical Lab :- Acid Burn/ Alkali Burn		
	42 nd	First Aid In Clinical		

		Lab :- Acid Burn/ Alkali Burn		
15 th	43 rd	First Aid In Clinical Lab :- Accidental Trauma		
	44 th	First Aid In Clinical Lab :- Gas/Toxic Inhalation		
	45 th	First Aid In Clinical Lab :- Spillage		
16 th	46 th	Medical ethics and Code of Conduct:- Ethics and Code of Conduct- Legal aspects- Confidentiality Mal Practice/ Negligence, Illegal Implications, Law Suits, Consumer Protection and Insurance for Professional Health Hazards		
	47 th	Medical ethics and Code of Conduct:- Ethics and Code of Conduct- Legal aspects- Confidentiality Mal Practice/ Negligence, Illegal Implications, Law Suits, Consumer Protection and Insurance for Professional Health Hazards		
	48 th	Medical ethics and Code of Conduct:- Ethics and Code of Conduct- Legal aspects- Confidentiality Mal Practice/ Negligence, Illegal Implications, Law		

		Suits, Consumer Protection and Insurance for Professional Health Hazards		
17 th	49 th	Medical ethics and Code of Conduct:- Ethics and Code of Conduct- Legal aspects- Confidentiality Mal Practice/ Negligence, Illegal Implications, Law Suits, Consumer Protection and Insurance for Professional Health Hazards		
	50 th	Medical ethics and Code of Conduct:- Ethics and Code of Conduct- Legal aspects- Confidentiality Mal Practice/ Negligence, Illegal Implications, Law Suits, Consumer Protection and Insurance for Professional Health Hazards		
	51 st	Lab Equipments:- Introduction and Care and Maintenance		
18 th	52 nd	Lab Equipments:- Preventive Maintenance		
	53 rd	Lab Equipments:- Care of Various Laboratory Equipments		
	54 th	Role of Computers in Labs Services:- Storage		

19 th	55 th	Role of Computers in Labs Services:- Retrieval of Laboratory Data manually with the help of Computers		
	56 th	Role of Computers in Labs Services:- Retrieval of Laboratory Data manually with the help of Computers		
	57 th	Role of Computers in Labs Services:- Retrieval of Laboratory Data manually with the help of Computers		
20 th	58 th	Lab Accreditation: Introduction		
	59 th	Revision		
	60 th	Revision		


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