

Lesson plan

Name of the Faculty : Rajesh Kumar

Discipline : DMLT

Semester : 4th

Subject : MEDICAL LABORATORY MANAGEMENT

Lesson Plan Duration : 15 weeks

Work load (Lecture) per week (n hours) = Lecture= 03

Week	Theory	
	Lecture day	Topics (inculding assignment/test)
1	1	Introduction of Medical Laboratory Management
	2	importance of Medical Laboratory Management
	3	layout of clinical laboratory
2	4	Facility in clinical Laboratory
	5	Role of Medical Laboratory in total health care
	6	Material management in clinical Laboratory
3	7	Class test
	8	procurement, financial resources,
	9	importing, inventory, inspection, storage
4	10	Quality Assurance
	11	Analytical control
	12	Internal quality assurance in clinical laboratories
5	13	external quality assurance in clinical laboratories
	14	important terms; precision, accuracy
	15	standard deviation as per national standards
6	16	Assignment
	17	Test of unit I and II
	18	Safety Precautions
7	19	Safety measures in clinical laboratories
	20	Disposal of Biomedical waste
	21	First Aid in Clinical Laboratory
8	22	Acid burn/Alkali burn
	23	Accidental trauma
	24	Gas/Toxic inhalation
9	25	Laboratory Equipment Care and Maintenance
	26	Test unit III
	27	Introduction to
10	28	Importance of Laboratory Accreditation
	29	Introduction of Medical Ethics and Code of Conduct
	30	importance of Medical Ethics and Code of Conduct
11	31	Ethics and code of conduct
	32	legal aspects – confidentiality malpractice/ negligence
	33	law suits, consumer protection
12	34	insurance for professional health hazards
	35	Role of Computer in Lab services
	36	Assignment
13	37	Test of Unit IV
	38	Storage of laboratory data manually
	39	Retrieval of laboratory data manually
	40	

14	41	Storage of laboratory data with help of computer
	42	Retrieval of laboratory data with help of computer
15	43	computer software and QR Code
	44	Class test
	45	Assignment