الصف الثالث : علم الأمراض العام (General pathology)

ا. الفصل الدراسي الاول

No	No. of weeks	Theore	etical Hours	Practic	al Hours
		Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 st .week		2 hours	Microscope	2
	1 st hour	Introduction ,Definition of pathology, etiology & pathogenesis		Preparation of pathology slides/discussion	hours
	2 nd hour	Describe the role of a pathologist in diagnosis and management of disease			
2	2 nd .week		2 hours	Types of	2
	1 st hour	Overview of Cellular Responses to Stress and Noxious Stimuli Causes of Cell Injury		degeneration Types of necrosis Slides/discussion	hours
	2 nd hour	Sequence of Events in Cell Injury and Cell Death Reversible Cell Injury Cell Death Necrosis Apoptosis			
3	3 rd .week		2 hours	Disturbances of cell	2
	1 st hour	Autophagy Mechanisms of Cell Injury and Cell Death Hypoxia and Ischemia		growth slides/discussion	hours

		Ischemia Poporfusion Iniury			
	2 nd hour	Ischemia-Reperfusion Injury			
	2 ^m nour	Oxidative Stress Cell Injury Caused by Toxins Endoplasmic Reticulum Stress DNA Damage			
		Inflammation			
4	4 th .week		2 hours	Acute inflammation-	2
	1 st hour	Cellular Adaptations to Stress Hypertrophy Hyperplasia Atrophy,Metaplasia		slides	hours
	2 nd hour	mechanisms of cellular aging , and cellular accumlation			
5	5 th .week		2 hours	Acute inflammation-	2
	1⁵t hour	Causes of Inflammation Recognition of Microbes and Damaged Cells		slides/discussion	hours
		Acute Inflammation Reactions of Blood Vessels in Acute Inflammation			
		Leukocyte Recruitment to Sites of Inflammation			
		Phagocytosis and Clearance of the Offending Agent Leukocyte-Mediated Tissue Injury Other Functional Responses of Activated			
	2 nd hour	Leukocytes			
6	6 th .week		2 hours	Acute inflammation- slides/discussion	2 hours
	1 st hour	Mediators of Inflammation 70 Vasoactive Amines: Histamine and Serotonin 71 Arachidonic			

9	9 th .week		2 hours	Pulmonary edema - slides/discussion	2hours
	2 nd hour	Factors That Impair Tissue Repair Clinical Examples of Abnormal Wound Healing and Scarring Mid Exam			
8	8 th .week 1 st hour	Tissue Repair Overview of Tissue Repair Cell and Tissue Regeneration Repair by Scarring	2 hours	Tissue repair - slides/discussion	2 hours
	2 nd hour	Features Cells and Mediators of Chronic Inflammation Systemic Effects of Inflammation			
	1 st hour	Chronic inflammation Causes of Chronic Inflammation Morphologic		- slides/discussion	hours
7	2 nd hour 7 th .week		2 hours	chronic inflammation	2
		Inflammation Morphologic Patterns of Acute Inflammation Serous Inflammation Fibrinous Inflammation Purulent (Suppurative) Inflammation, Abscess Ulcers			
		Acid Metabolites Cytokines and Chemokines Complement System Other Mediators of			

	1 st hour	Hyperemia and Congestion Edema Increased Hydrostatic Pressure Reduced Plasma			
		Osmotic Pressure Lymphatic Obstruction Sodium and Water Retention Hemorrhage			
	2 nd hour				
10	10 th .week		2 hours	Thrombosis	2
	1 st hour	Normal Hemostasis		embolism	hours
		Thrombosis Disseminated Intravascular Coagulation		slides/discussion	
		(DIC) Embolism			
		PulmonaryThromboembolism Systemic Thromboembolism			
	2 nd hour				
11	11 th .week		2 hours	Edema, congestion	2
	1 st hour	Fat Embolism		slides/discussion	hours
		Air Embolism Infarction			
	2 nd hour	Factors That Influence Infarct Development			
12	12 th .week		2 hours	Embolism,	2
	1 st hour	Shock Pathogenesis of Septic Shock		Hemorrhage & shock - slides/discussion	hours
	2 nd hour	Stages of Shock Classification of shock			

13	13 th .week		2 hours	Benign tumors	2
	1 st hour	Classification of neoplastic lesions		slides/discussion	hours
		Characteristic of malignant and benign tumor			
		Nomenclature of the			
	2 nd hour	Hallmarks of cancer			
14	14 th .week		2 hours	Malignant tumors	2
	1 st hour	Etiology of cancer (carcinogenic agents)		slides/discussion	hours
	2 nd hour	Initiation and promotion			
15	15 th .week		2 hours	Molecular technique	2
	1 st hour	Clinical aspects of neoplasia		in tumor diagnosis	hours
	2 nd hour	Mechanism of local invasion and metastasis			

No	No. of weeks	Theoretic	al Hours	Practic	al Hours
	WEEKS	Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 st .week 1 st hour	Genetic diseases Nature of Genetic Abnormalities Contributing to Human Disease	2 hours	Laboratory diagnosis of genetic diseases.	2 hours
	2 nd hour	Mutations in Protein-Coding Genes Alterations in Protein- Coding Genes other Than Mutations			
2	2 nd .week 1 st hour	Genetic diseases Mendelian Disorders: Diseases Caused by Single-Gene Defects	2 hours	Molecular technique in genetic diagnosis	2 hours
	2 nd hour	Complex multigenic disorders Cytogenetic disorders, Numeric abnormalities			
3	3 rd .week		2	Direct Detection of DNA	2
	1 st hour	Genetic diseases Diseases Caused by Mutations	hours	mutations by Polymerase Chain Reaction (PCR)	hours
		in Mitochondrial Genes			

		Diseases Caused by Alterations			
	2 nd hour	of Imprinted Regions: Prader- Willi and Angelman Syndromes			
4	4 th .week			CISH technique in the	2
	1 st hour	Diseases Pediatric		genetic diseases	hours
	1 11001			diagnosis	
		Congenital Anomalies Etiology of Perinatal Infections Prematurity			
	2 nd hour	Fetal Growth Restriction Respiratory Distress Syndrome of the Newborn			
5	5 th .week		2	Wilms tumor-slide	2
	1 st hour	Tumor of infancy and	hours	Retinoblastoma-slide	hours
	2 nd hour	childhood Tumor like lesions of infancy and childhood			
	Cth I				
6	6 th .week		2 hours	Hypersensistivity reaction slides	2 hours
	1 st hour	Congenital immunodeficiency			
	2 nd hour	Acquired immunodeficiency syndrome			
7	7 th .week		2 bours	Slides – asthma, eczema	2 bours
	1 st hour	Autoimmune diseases	hours	(skin)	hours

			Rejection of transplants	2 nd hour	
2 hours	Slides – graft rejection	2 hours	Types of hypersensitivity reaction	8 th .week 1 st hour	8
			Mid exam	2 nd hour	
2 hours	Chemical and physical tissue injury Practical session with power point slide collection	2 hours	Environmental Disorders Health Effects of Climate Change	9 th .week 1 st hour	9
			Toxicity of Chemical and Physical Agents Environmental Pollution	2 nd hour	
2 hours	Nutritional deficiency and obesity	2 hours	Nutritional Diseases, Malnutrition Severe Acute Malnutrition, Anorexia Nervosa and Bulimia	10 th .week 1 st hour	10
	Practical session with power point slide collection		Vitamin Deficiencies, Obesity, Diet and Systemic Diseases, Diet and Cancer	2 nd hour	
2 hours	Practical session with power point slide collection	2 hours	Metals as Environmental Pollutants Industrial and Agricultural Exposures Effects of Tobacco Effects	11 th .week 1 st hour	11

	2 nd hour	of Alcohol			
12	12 th .week 1 st hour	Injury by Therapeutic Drugs and Adverse Drug Reactions,	2 hours	Practical session with power point slide collection	2 hours
	2 nd hour	Injury by Nontherapeutic Agents (Drug Abuse) Injury by Physical Agents			
13	13 th .week 1 st hour	blood group systems (ABO and RH)	2 hours	Practical session with power point slide collection	2 hours
	2 nd hour	steps of compatibility testing, blood components. transfusion reactions			
14	14 th .week 1 st hour	Describe Structure and Function of Blood Vessels Vascular Organization Endothelial Cells Vascular Smooth Muscle Cells	2 hours	Practical session with power point slide collection	2 hours
	2 nd hour	Describe Congenital Anomalies Blood Pressure Regulation Hypertensive Vascular Disease, vasculitis			
15	15 th .week	structure and function of heart muscle, and enumerate and describe the ischemic heart	2 hours	Atheroma, atherosclerosis	2 hours

1 st hour	diseases(coronary heart	Hypertensive vascular	
	diseases)	disease,	
2 nd hour	congenital and rheumatic heart diseases	Hyaline arteriolosclerosis. Hyperplastic arteriolosclerosis	

ثانيا :- الصف الرابع: علم الأمراض الجهازي (Systemic Pathology)

الفصل الدراسي الاول

No	No. of weeks	Theoretica	al Hours	Practic	al Hours
	weeks	Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 st week		2	Slides-types of anemia	2
	1 st hour 2 nd hour	Anemia: Iron deficiency anaemia , Megaloblastic anaemia, pernicious anaemia Aplastic anaemia, anaemia of chronic disease		Iron deficiency anemia,megaloblastic anemia Pernicious aneamia	
2	2 nd week 1 st hour	Heamolytic anaemia, bleeding disorder :disseminated intravascular coagulation, idiopathic thrombocytopenic perpura	2	Slides-types of anemia Thalasseamia, sickle cell anemia	2

3	2 nd hour 3 rd .week 1 st hour	Inflammatory proliferation of white blood cell disorders	2	Slides of leukocytosis:lymphocytosis, neutrophilia, Lymphopenia, neutropenia :	2
	2 nd hour	Leuckopenia: neutropenia, lymphopenia			
4	4 th .week 1 st hour	Neoplastic proliferations of white blood cell -Acute lymphoblastic and myeloblastic leukemias	2	Slides- leukemia Acute lymphoblastic and myeloblastic leukemias -Chronic lymphocytic and myelocytic leukemia	2
	2 nd hour	-Chronic lymphocytic and myelocytic leukemia			
5	5 th .week 1 st hour	Upper respiratory diseases; -Nasal polyp, nasopharyngeal carcinoma -acute chronic laryngitis ,laryngeal tumors	2	Slides-upper respiratory system, Allergic nasal polyp, nasopharyngeal carcinoma laryngeal tumors,etc	2

	2 nd hour				
	2 nour				
6	6 th .week		2	Slides of -Asthma,	2
	1 st hour	Pathology of Chronic		emphysema	
		Obstructive airway disease		-chronic bronchitis,	
		-Asthma, emphysema		bronchiectasis	
		-chronic bronchitis,			
		bronchiectasis			
	2 nd hour				
7	7 th .week		2	Slides of	2
			2		2
	1 st hour	Pathology of pulmonary		- lobar and	
		infection		bronchopneumonia, interstistial pneumonia	
		- lobar and			
		bronchopneumonia, interstistial pneumonia		 primary and secondary tubrculosis 	
	2 nd hour				
		tuberculosis			
8	8 th .week		2	Slides of	2
	1 st hour	Pathology of pulmonary		-sequamous cell carcinoma,	
		tumors		adenocarcinoma	
				-small cell carcinoma	
	2 nd hour	Mid exam			
9	9 th .week		2	Slides of	2
	1 st hour	Pathology of plural diseases		Anthracosis , benign and	
		-Anthracosis , benign and		malignant mesothelioma	
		- , 0			

		malignant mesothelioma		Types of plural effusion ,	
	2 nd hour	- Types of plural effusion , pleurisy			
10	10 th .week		2	Slides of mouth	2
	1 st hour	Pathology of the mouth & esophagus -aphtous ulcers, tumors (sequamous cell carcinoma)		eosophageal pathology aphtous ulcers, mouth tumors (sequamous cell carcinoma) -eosophagititis, barrets	
	2 nd hour	-eosophagititis, barrets eosophagus , eosophageal carcinoma		eosophagus , eosophageal carcinoma	
11	11 th .week		2	Slides of stomach	2
	1 st hour	Pathology of the stomach - gastritis , acute and chronic gastric ulcers		 gastritis , acute and chronic gastric ulcers gasric tumors (intestinal type and signet ring), gastric lymphoma 	
	2 nd hour	-gasric tumors (intestinal type and signet ring), gastric lymphoma			
12	12 th .week		2	Slides of small intestine pathology	2
	1 st hour	Pathology of small intestine -dudenal ulcers, small intestinal tumors		dudenal ulcers, small intestinal tumors celiac diseases	
		- celiac diseases			

	2 nd hour				
13	2 nd nour 13 th .week 1 st hour	Pathology of of large intestine Diseases -crohns disease, ulcerative colitis - polyps, colorectal carcinoma	2	Slides of large intestine pathology crohns disease, ulcerative colitis - polyps, colorectal carcinoma	2
	2 nd hour				
14	14 th .week		2	Slides of benign liver	2
	1 st hour	Pathology of benign liver		diseases	
		disease		acute and viral hepatitis	
		-acute and viral hepatitis		Types of cirrhosis, hepatic adenoma	
	2 nd hour	Types of cirrhosis, -Alcoholic . primary bliary			
15	15 th .week		2	Slides of malignant liver	2
	1 st hour	hepatic adenoma		diseases and pancreatic diseases	
		Pathology of malignant liver diseases and pancreatic diseases - hepatocellular carcinoma, metastatic carcinoma		- hepatocellular carcinoma, metastatic carcinoma -acuta and chronic pancreatitis, pancreatic tumors	

	-acuta and chronic		
	pancreatitis, pancreatic		
	tumors		
2 nd hour			

الفصل الدراسي الثاني

No	No. of weeks	Theoretica	al Hours	Practica	al Hours
	WEEKS	Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 st .week 1 st hour 2 nd hour	Pathology of glomerular disease of kidney -Minimal change glomerulonephritis, membranous glomerulonephritis - focal glomerulosclerosis, post infectous glomrulonephritis	2	Slides – glomerular renal diseases -Minimal change glomerulonephritis, membranous glomerulonephritis - focal glomerulosclerosis, post infectous glomrulonephritis	2
2	2 nd .week	Pathology of renal tubules, intersitium - Polycystic kidney diseases -Types of pyelonephritis	2	Slides - renal tubules, intersitium, - Polycystic kidney diseases -Types of pyelonephritis	2

	2 nd hour				
3	3 rd .week 1 st hour 2 nd hour 4 th .week 1 st hour	Pathology of renal tumors and bladder disease -Renal cell carcinoma, - cystitis and bladder tumors Pathology of male genital tract -testicular atrophy, testicular tumors(seminoma, yolk sac tumor)	2	Slides of renal tumors and bladder pathology -Renal cell carcinoma, - cystitis and bladder tumors Slides- male genital tract -testicular atrophy, testicular tumors(seminoma, yolk sac tumor)	2
5	2 nd hour 5 th .week	- prostatic hyperplasia, prostatic adenocarcinoma	2	- prostatic hyperplasia, prostatic adenocarcinoma Slides-female	2
	1 st hour	Pathology of female genital tract Cervical and uterine diseases. - cervicitis, intraepithelial neoplasia, cervical carcinoma		Genital tract, cervical pathology cervicitis, intraepithelial neoplasia, cervical carcinoma	

		-endometeriosis, endometrial			
		hyperplasia, and endometrial			
		tumors			
	2 nd hour				
6	6 th .week		2	Slides of endometrial	2
		Placental and ovarian diseases		diseases	
				endometeriosis,	
	1 st hour	- polycytic ovary, ovarian		endometrial hyperplasia,	
		tumors		and endometrial tumors	
		- choriocarcinoma,			
	2 nd hour				
	Z nour				
7	7 th .week		2	Slides of ovarian tumors	2
		Dath alama of here at		Compared and the state	
		Pathology of breast		Serous cyst, mucinous	
	1 st hour	Benign tumor		cyst, papillary serous	
				cystadenocarcinoma, teratoma	
		- mastitis, duct ectasia,			
		fibroadenoma			
		-fibrocystic changes, adenosis,			
		intraductal papilloma			
	2 nd hour				
	2 11001				
8	8 th .week		2	Slides of placental	2
		Dathology of branch Maliana d		diseases	
		Pathology of breast Malignant		choriocarcinoma	
	1 st hour	tumor		- choriocarcinoma, hydatiform mole	
		Ductal carcinoma insitu -			
		(comedo, papillary),			
		lobular carcinoma insitu			
		Invasive ductal and lobular			
		carcinoma carcinoma			

		Mid exam			
	2 nd hour				
9	9 th .week		2	Slides-Breast	2
		Pathology of thyroid glands		- mastitis, duct ectasia,	
		Pathology of thyrold giands		fibroadenoma	
	1 st hour	Hyperthyroidism,			
		Hypothyroidisim,		-fibrocystic changes, adenosis, intraductal	
		Multinodulargoitre,		papilloma	
		Ridles thyroiditis, Graves disease,			
		Hashimotos thyroiditis			
	2 nd hour				
10	10 th .week		2	Slides- of breast	2
		Thyroid Tumor		Ductal carcinoma -	
				insitu (comedo,	
	1 st hour	Follicular adenoma		papillary),	
		Follicular carcinoma		lobular carcinoma	
				insitu	
				Invasive ductal and	
		Papillary carcinpma		lobular carcinoma carcinoma	
		Medullary carcinoma		carcinoma	
	2 nd hour	Anaplastic carcinoma			
	d d th		2		2
11	11 th .week		2	Slides-of thyroid diseases	2
		Pathology of pituitary glands		Multinodulargoitre,	
	1 st hour	-hyperfunction		Ridles thyroiditis, Graves disease,	
		-hypofunction		Hashimotos thyroiditis	
	2 nd hour	-pituitary adenoma			
12	12 th .week		2	Slides of thyroid gland	2
12	IL .WEEK				2
		Pathology of adrenal gland		Follicular adenoma	

	1 st hour	Cushing syndrome		Follicular carcinoma	
		Addison's diseases		Papillary carcinpma	
				Medullary carcinoma	
	2 nd hour	Adrenal tumors		Anaplastic carcinom	
13	13 th .week	Pathology of parathyroid gland	2	Slides- of parathyroid and pituitary disorders	2
	1 st hour	Hyperparathyrodism		Parathyroid adenoma	
		Hypoparathyroidism		Parathyroid carcinoma	
		nypoparatnyroittisin		Adrenal tumors	
	2 nd hour	Parathyroid adenoma			
		Parathyroid carcinoma			
14	14 th .week		2	Slides- bone, skin	2
	1 st hour 2 nd hour	Diseases of the joints Disease of and skin Osteoporosis, Bone tumors Sequamous cell carcinoma, basal cell carcinoma		Osteoporosis, Bone tumors Sequamous cell carcinoma, basal cell carcinoma Melanoma	
		Melanoma			
15	15 th .week		2	Slides of lymphomas	2
		Pathology of lymph node		Hodgkins lymphoma	

		-nodular seclerosis	
2 nd hour		-lymphocytic depleted	
	Hodgkins lymphoma.Non Hodgkin lymphoma	Non Hodgkin lymphoma	

الطب العدلي المرحلة الرابعة

الفصل الدراسي الاول

No	No. of	Theoretical Hours		Practical Hours	
	weeks	Theory Lecture Topics	Hours per weeks	Practical Session Topics	Hours per weeks
1	1 st .week	Introduction to forensic pathology definition, medico-legal systems, medico-legal consultations,	2	how of examine a medico-legal case, and take samples for laboratory investigation.	2
	2 nd hour	how to examine a medico-legal case, how to take samples for laboratory investigation.			
2	2 nd .week	forensic autopsy, examination of the scene of death, external examination, examination of the cloths, internal examination,	2	examination of the scene of death, examination of the cloths, internal examination, how to perform medico-legal autopsy	2
		how to perform medico-legal autopsy. Postmortem artifacts,			

3	2 nd hour 3 rd .week	Autopsy report, forensic photography, and exhumation,	2	postmortem changes types of death, diagnosis	2
	1 st hour 2 nd hour	Patho-physiology of death; types of death, diagnosis of death,		of death,	
4	4 th .week 1 st hour	Postmortem decomposition putrefaction, mummification, adipocerous,	2	determination of time since death, Postmortem decomposition putrefaction, mummification, adipocerous	2
	2 nd hour	determination of time since death, internal body temperature,			
5	5 th .week 1 st hour	The pathology of sudden death definition of sudden death, causes of sudden death, cardiac causes, pulmonary causes,	2	Sudden death examination causes of sudden death, cardiac causes, pulmonary causes, CNS causes, GIT causes, the relationship between	2
	2 nd hour	CNS causes, GIT causes, the relationship between trauma and disease that leads to sudden death.		trauma and disease that leads to sudden death.	
6	6 th .week 1 st hour	Identification of human remains	2	identification of living persons by finger prints photographs, and	2

	2 nd hour	identification of living persons by finger prints, DNA prints, photographs		identifying signs such as tattooing,	
7	7 th .week 1 st hour 2 nd hour	Identification of human remains 2 identifying signs such as tattooing, and genetic and congenital or acquired malformations. identification of dead unknown persons	2	identification of living persons by DNA print , identifying signs such as tattooing, and genetic and congenital or acquired malformations.	2
8	8 th .week 1 st hour 2 nd hour	identification of human remains such as bones, or fragments of skin or muscles, seminal fluid Mid exam	2	identification of human remains such as bones, or fragments of skin or muscles, seminal fluid, blood spots.	2
9	9 th .week 1 st hour 2 nd hour	identification of human remains such Identification of hairs and fibers, identification of sex and race from bones.	2	Identification of hairs and fibers, identification of sex and race from bones.	2

10	10 th .week	age estimation, by general appearance, by deciduas and permanent dentition.	2	age estimation, by general appearance& deciduas and permanent dentition.	2
11	11 th .week 1 st hour 2 nd hour	Age estimation from bones, ossification centers and fusion lines, purposes of age estimation.	2	Age estimation from bones, ossification centers and fusion lines,	2
12	12 th .week 1 st hour 2 nd hour	Pathology of wound: definition of a wound, mechanisms of wounding. Classification of wounds, abrasions, contusions,	2	Examination of wounds Classification of wounds, abrasions, contusions, lacerations, blunt penetrating injuries, incised wounds	2
		lacerations, blunt penetrating injuries, incised wounds			
13	13 th .week 1 st hour	wounds from medico-legal point of view;dating of wound by histological examination, nature of wounds, incidental, suicidal, induced by the person or other persons. Fate of the wound, complete healing, healing with deformity or loss of function, death from	2	Medico legal points of wound injury dating of wound by histological examination, nature of wounds, incidental, suicidal, induced by the person or other persons. Fate of the wound, complete healing, healing with deformity or loss of function, death from wounds.	2
		wounds.		,	

	2 nd hour				
14	14 th .week 1 st hour	Head and spinal injuries, injuries of the scalp, epidural hemorrhages, sub-arachnoid hemorrhage, brain injuries,	2	Head and spinal injury examination and assessment Examination of pelvic injury	2
	2 nd hour	injuries of thoracic cage, ribs fractures, laceration of the heart, injuries of the abdomen, rupture liver and spleen, injuries of the intestine. Pelvic injuries.			
15	15 th .week	Transportation injuries: dynamics of vehicular injuries, pattern of injury of vehicle occupants, injuries to the driver in vehicle	2	Assessment of transpotation injuries	2
	2 nd hour	collision, injuries to children,			

الفصل الدراسي الثاني

No	No. of	Theoretic	al Hours	Practic	al Hours
	weeks	Theory Lecture Topics	Hours	Practical Session Topics	Hours
			per		per
			weeks		weeks
1	1st week		2	Eveningtion of	2
1	1 st .week		2	Examination of pedestrian injuries	2
	1 st hour	injuries to pedestrian,		pedesthan injunes	
	2 nd hour	injuries to pedal cyclists causes			
		of death in traffic accidents			
2	2 nd .week		2	Examination suicide and	2
	1 st hour	cuicido and homisido hu motor		homicide by motor	
	Toulour	suicide and homicide by motor vehicle,		vehicle,	
	2 nd hour	railway injuries.			
3	3 rd .week		2	Assessment of the type	2
	1 st hour	gunshot and explosion injuries:		of gunshot injury, missile injury and assessment	
		the mechanics of missile injury,		the type of the wound	
	2 nd hour	types of weapons, entrance			
	2 11001	wound inflicted by smooth-bore			
		shotgun			
4	4 th .week		2	Examination of exit and	2
	1 st hour	Exit wound, firearm damage to		entrance of missile and	
	1 11001	internal organs,		smooth bore gunshoot	
	2 nd hour	estimating the range of			
	2 ^m nour	discharge			
5	5 th .week		2	determination of pattern	2
	a ct l			of death from fire arms	
	1 st hour	determination of pattern of death from fire arms,			
		ucall nom me dills,			
		determination of the direction			
L	1		1	1	1

		of discharge, causes of death			
		from firearms			
	2 nd hour				
6	6 th .week	burns and scalds, heat injuries,	2	gross appearance at autopsy of ante-mortem	2
	1 st hour	classification of severity of burns, moist thermal damage,		versus post-mortem burns,	
				classification of severity of burns, moist thermal	
		burns from dry heat, gross appearance at autopsy, ante- mortem versus post-mortem		damage	
	2 nd hour	burns, inhalation of soot, causes of death from burns.			
7	7 th .week		2	Post-mortem	2
/	1 st hour	electrical fatalities, effect on muscles, mode of death, cutaneous electrical marks, metallic traces in electric marks,	2	examination of electrical, injuries mode of death, cutaneous electrical marks, metallic traces in electric marks, histological appearances,	2
	2 nd hour	histological appearances, suicide by electricity, homicide by electricity, death from lightening			
8	8 th .week 1 st hour	suffocation by fatal pressure on the neck, manual strangulation, strangulation by ligature,	2	Examination of the victims of strangulation	2
	2 nd hour	hanging, Mid exam			

9	9 th .week	Immersion deaths: signs of immersion signs of immersion, death from natural causes before entering the water, whilst in water, death from immersion other than drowning. Autopsy signs of drowning,	2	Examination of immersion injury signs of immersion, death from natural causes before entering the water,	2
10	10 th .week	Sexual affairs the hymen, anatomy of the hymen, defloration of the hymen, consequences of hymen defloration, pregnancy,	2	Examination of rape victims illegal abortion, sexually transmitted disease,	2
	2 nd hour	abortion, illegal abortion, sexually transmitted disease, sexual perversion, sodomy, lesbianism, killing of newly born infants.			
11	11 th .week	Poisons and alcohol types of poisons, causes of death from poisons,	2	how to take samples for laboratory investigation.	2
	2 nd hour	the concept of the lethal dose, poisoning by insecticides,			
12	12 th .week	drug poisoning, how to take samples for investigation of poisons. Alcohol, absorption and elimination of alcohol,	2	How to examine the signs of drug poisoning	2

			1]
		effects of alcohol on the body,			
	2 nd hour	death from alcohol overdose.			
	Z ^{ing} Hour	Kerosene poisoning			
13	13 th .week		2	How to write death	2
				certificate	
		Medical ethics doctor-patient			
	1 st hour	relationship, doctor-doctors			
	1 HOUI	relationship,			
		doctors in front of law, medical			
		responsibility, responsibility in			
	2 nd hour	prescription, responsibility in			
		surgical operation, medical			
		secret.			
14	14 th .week		2	How to write birth	2
				certificate	
		forensic writings; death			
		certificate birth certificate,			
	1 st hour				
		primary medico-legal report,			
	2 nd hour				
		reports on hospital discharge			
15	15 th .week		2	How to write final	2
				hospital discharge and	
		reports on hospital discharge,		medico legal report	
	A st Is a	final medico-legal reports,			
	1 st hour				
		civil responsibility, and penal			
	2 nd hour				
		responsibility.			