STUDY GUIDE

Community Medicine

4th Year MBBS, AFM&DC

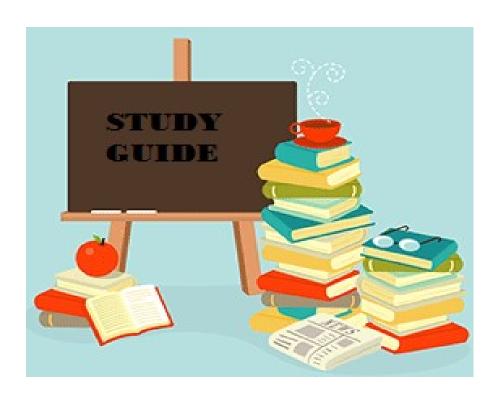


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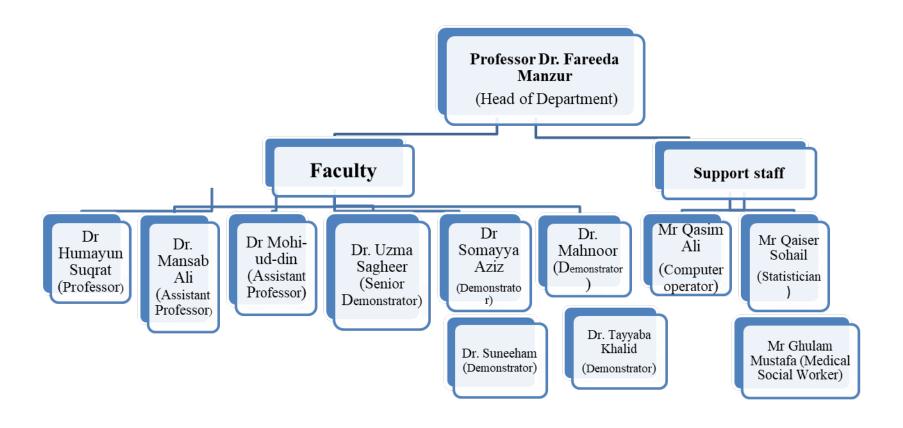
INTRODUCTION

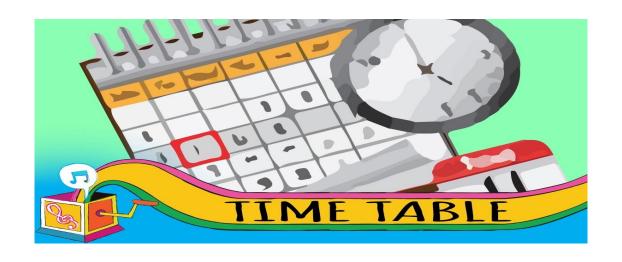
Community Medicine is that branch of medicine, which deals with the study of provision of preventive, promotive, curative, rehabilitative, and evaluative services to the community at large, through an organized comprehensive healthcare delivery system.

The Department of Community Medicine, Aziz Fatima Medical and Dental College is involved in teaching and training of 4th year MBBS students through lectures, tutorials, presentations and field visits in the subject. Field visits of places of public health importance, household survey and research work are being arranged regularly. The department has a lecture hall which can accommodate more than 100 students, 3 offices and a beautiful museum for practical training of students. The Department also has computer facility to maintain department records and to prepare lectures, slides and demonstrations. The Department Museum is well equipped with required models, specimens and equipment for practical demonstrations and tutorials.

Close and excellent student-teacher relationship is maintained. The teaching is done using the most modern methods i.e. with the help of latest audiovisual aids like multimedia & projectors, achieving excellent results. Since teaching is ongoing process, the faculty members participate in various workshops and seminars which are supervised by experts of national repute to refresh and update their knowledge. Research has already been made compulsory for the students of 4th Year MBBS by UHS, so the students are trained for actively writing research papers by giving them regular assignments having reference from most modern journals under supervision of our staff members.

DEPARTMENT ORGANOGRAM





	Weekly Break up of Lectures and Tutorials										
Day	1	2	3	4	5						
	8:00 am - 8:45 am	8:45 am - 9:30 am	9:30 am - 0:15 am	10:30 am - 1:300 pm	1:30 pm - 3:00 pm						
Monday		Lecture		Practical/ Tutorial							
Tuesday				Practical/ Tutorial	Lecture						
Wednesday		Lecture		Practical/ Tutorial							
Thursday				Practical/ Tutorial	Lecture						
Friday			Lecture	Practical/ Tutorial							

Gantt's Chart for syllabus completion

Topics	Dec	Jan 2020	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	2019									
Welcome &	_									
Introduction							S			
Nutrition							U			
Research							M			
Communicable	_	_					M		_	_
diseases							E	-		
Concept of health							R			
and disease							V			
Primary health							A			
care							C			
Epidemiology							A			
Non-							T			
communicable							Ī			
diseases							Ō			
Demography							N			
Screening							S			
Mental Health										
Disaster &						I				
Accidents										
Geriatric Med						I				
Biostatistics										
Maternal and child										
health										
Immunology										

Community Medicine (SEQs and MCQs) TABLE OF SPECIFICATIONS

Table of specifications for the MCQ examination:

Total marks: 65. Total number of questions: 65

Sr. #	Topics	C1	C2	Weighting	% of items and marks per content
1	Concept of heath and disease, natural history of the disease, levels of prevention, control, elimination, eradication and surveillance, Sterilization and Disinfection	✓	✓	3MCQs	5% (3 MCQs = 3 Marks)
2	Introduction to public health and health systems in Pakistan, primary health care, leadership and motivation, national and international health agencies	✓	√	3 MCQs	5% (3 MCQs = 3 Marks)
3	Epidemiology		l		
	3.a General Epidemiology and research methodology, dynamics of infectious disease Transmission	✓	✓	5 MCQs	8% (5MCQs = 5 Marks)
	3.b: Epidemiology, control and prevention of communicable diseases,	✓	√	4 MCQs	6% (4 MCQs = 4Marks)
	3.c: Epidemiology, control and prevention of non communicable diseases	✓	√	2 MCQs	3% (2 MCQs = 2 Marks)
	3.d: Immunology	✓	√	5 MCQs	8% (5 MCQs = 5 Marks)
4	Biostatistics + HMIS + Sampling	✓	√	4 MCQs	6% (4 MCQs =4 Marks)
5	Demography and Population dynamics	✓	√	3 MCQs	5% (3 MCQs = 3 Marks)
6	Food and nutrition	✓	✓	5 MCQs	8% (5 MCQs = 5 Marks)

	MCH + reproductive health + family planning	✓	✓	6 MCQs	9%
7					(6 MCQs = 6 Marks)
8	School health	✓	✓	3 MCQs	5% (3 MCQs = 3Marks)
9	Environmental Health 9.a: Air, b: Water, c: Radiation, d: Climate, e: Noise, f; Housing, g: Waste disposal	✓	√	6 MCQs	9% (6 MCQs = 6 Marks)
10	Occupational health	√	√	4 MCQs	6% (4 MCQs = 4 Marks)
11	Entomology and arthropod bone diseases	✓	√	2 MCQs	3% (2 MCQs = 2 Marks)
12	Parasitology and parasitic diseases	✓	\	2 MCQs	3% (2 MCQs = 2 Marks)
13	Snake bite	✓	V	1 MCQ	2% (1 MCQ = 1 Mark)
14	Mental health / Medical Ethics	✓	V	1 MCQ	2% (1 MCQ = 1 Mark)
15	Behavioural sciences and life style 15.a: Drug abuse 15.b: Addiction 15.c: Smoking 15.d: Personal hygiene 15.e: Child abuse / Child labor	√	√	4 MCQs	6% (4 MCQs = 4 Marks
16	Information, Education and Communication (IEC)	√	√	1 MCQ	2% (1 MCQ = 1 Mark)
17	Accidents / Disasters	√	√	1 MCQ	1% (1 MCQ = 2 Mark)

Table of specifications for the SEQ examination:

Total marks allocated: 70. Total questions: 14

Sr.	Topics	C1	C2	Weighting	% of items and marks per
#					Content
1	Concept of heath and disease, natural history of the disease, levels of prevention, control, elimination, eradication and surveillance. 1.a: General Epidemiology and research methodology, dynamics of infectious disease transmission. 1.b: Epidemiology, control and prevention of Communicable and non-communicable diseases	*	*	2 SEQs	14% (2 SEQs = 10 Marks)
2	Introduction to public health and health systems in Pakistan, primary health care, leadership and motivation, national and international health agencies	√	✓	1 SEQ	7% (1 SEQ = 5 Marks)
3	Immunology	✓	√	1 SEQ	7% (1 SEQ= 5 Marks)
4	Biostatistics / HMIS	✓	√	1 SEQ	7% (1 SEQ = 5 Marks)
5	Demography and Population Control	V	√	1 SEQ	7% (1 SEQ = 5 Marks)
6	Food + Nutrition	✓	√	1 SEQ	7% (1 SEQ = 5 Marks)
7	MCH / Reproductive Health	√	√	1 SEQ	7% (1 SEQ = 5 Marks)

8	Environment	✓	✓	1 SEQ	7%
	8.a: Air pollution				(1 SEQ = 5 Marks)
	8.b: Water				
	8.c: Radiation				
	8.d: Housing				
	8.e: Waste disposal				
	8.f: Climate				
	8.g: Noise				
9	Occupational Health	✓	✓	1 SEQ	7%
					(1 SEQ = 5 Marks)
10	Parasitology + Entomology + Snake Bite	✓	✓	1 SEQ	7%
					(1 SEQ = 5 Marks)
11	Mental health + Behavioral Sciences	✓	✓	1 SEQ	7%
					(1 SEQ = 5 Marks)
12	Dental Health / School Health / Health Education	✓	√	1 SEQ	7%
					(1 SEQ = 5 Marks)
13	Accidents / Disasters	✓	✓	1 SEQ	7%
					(1 SEQ = 5 Marks)



Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Medical Ethics	Introduction to Ethics	Define ethics	C1	1	Lectures	Lecture Hall	45 minutes	SEQS, MCQs, Class tests, Send up, Questioning
			Differentiate between different branches of ethics	C2	3				
			Describe 4 principles of medical ethics	C1	2				
		Development of medical ethics	Describe Nuremberg code	C1	2				
			Describe Helsinki declaration	C1	3				
			Describe code of medical ethics	C1	2				
		Guidelines by Pakistan Medical and Dental Council	Describe Guidelines by Pakistan Medical and Dental Council	C1	2				

	Types of mental health	Describe common mental health problems in Pakistan	C2	1				
1	Evolution of mental health	Discuss historical evolution of mental health	C2	3				
	Prevention against mental illness	Discuss waysto improve mental health issue and principles of preventing mental illnesses	C2	1				
Behaviour Sciences	Substance abuse	Be able to define basics concepts insubstance abuse,	C1	1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
		differenciate between drug addiction, drug abuse and drug misuse.	C2	2				
		briefly describe the magnitude of the problem	СЗ	3				
		Describe the typesof drugs abused in Pakistan.	C2	3				
		discuss the etiology of drug addiction.	C2	2				
		Discuss Prevention (at all levels) against drug addiction	C2	1				
	Tobacco control	Describe Commonly used forms and routes of tobacco intake,	C1	2				
		describe tobacco free initiative, Prevention against tobacco use and hurdles in this prevention	C2	2				
		describe main components of tobacco,	C1	3				

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Non- Communicable Diseases (NCDs)	,	Understand the burden of NCDs worldwide and Pakistan	C2	2	Lectures	Lecture Hall	45 minutes	Class test, Send up, MCQs, SEQs, OSPE
			Describe the role of different risk factors of NCDs	C2	2				
		NCDs in	List common NCDs in Pakistan, their causes, impact and prevention	C1	1				

Course	Topic	Sub-topic	Learning Object	Domain	Level	Mode of instr	Venue of instr	Time alloca	Assessmer
ommunity Med	Nutrition	Definitions	Definitions of nutrition	C1	1	Lecture	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questionin
		Macronutrien ts	Definitions sources and uses of macronutrien ts. Requirement s and effects of deficiencies	C1, C2	2	Lecture	lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questionin g
		Micronutrient s	Definitions sources and uses of micronutrient s. Requirement s and effects of deficiencies	C1, C2	2	Lecture	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questionin g
		Nutritional assessment	Methods of assessment of nutritional status	C3	2	Lecture	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questionin
		processing	Pasteurizatio n and other	C1, Q 2 16	2	Lecture		45 minutes	Viva, OSPE,
		and Preservation	methods of food and						MCQs,

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Occupatio nal Health	Background, aims and objective of occupational health	Describe the background aims and objective of occupational health	C2	1	Tutorial and visit to an industry	Tutorial room, industry	2 hours 30 minutes.	Viva, OSPE, SEQs, MCQs, questioning, log book
		Functions of occupational health services and practices	Describe the functions of occuaptional health services and practices	C2	1				Viva, OSPE, SEQs, MCQs, questioning, log book
		Ergonomics	Define ergonomics	C1	2				Viva, OSPE, SEQs, MCQs, questioning, log book
			Describe the application of ergonomics	C2/C3					
		Occupational diseases	Enlist various occupational diseases	C1	2				MCQs,,SEQ,Vi va
				C2	2				MCQs,,SEQ,Vi va
			Explain the etiology of occupational diseases	C2	2				MCQs,,SEQ,Vi va
			Enlsit differential diagnosis of occupational diseases	C1	2				MCQs,,SEQ,Vi va
			Describe preventive strategies for occupational diseases	C2	2	Field trip	Industry	2 hours	OSPE,Log book

	Rural health	concept of	<i>3.</i>		field visits	RHC,	minutes + 45	MCQs,
	PHC in Pakistan	Define PHC in Pakistan	C1	18	Lectures, field visits to HF (BHU and RHC)	BHU and RHC, Lecture Hall	2 hours 30 minutes + 45 minutes	Viva, OSPE, SEQs, MCQs, questioning, log book
		Describe the solution to the given Community health problem.	СЗ	2				
		prioritise community health problems	C3	2				
		Enlist community health problems	C1					
	Community Problems	Define community health problems	C1	2	Lectures, field visits to HF (BHU and RHC)	BHU and RHC, Lecture Hall	2 hours 30 minutes + 45 minutes	Viva, OSPE, SEQs, MCQs, questioning, log book
		Explain key concepts of PHC	C2	1	Field trip	BHU and RHC,	2 hours 30 minutes	OSPE,Log book
		Describe essentail components of PHC	C2	1				MCQs,,SEQ,Viva
		Describe fundamentals principles of PHC	C2	1				MCQs,,SEQ,Viva
Primary health care	Introduction	Define Primary health care	C1	1	Lectures,	Lecture Hall	45 minutes	MCQs,,SEQ,Viva

Course	Topic	Sub-topic	Learning Objective	Domain	Level	Mode of in	Venue of in	Time alloca	Assessment
Community Medicine	Reproductive and child health	Safe motherhood	Define woman health, Define safe motherhood and its components.	C1	1	Lecture	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning
		Reprodutive health and its components	Define reproductive health its comopnents	C2	1				
		Maternal mortality	Define maternal mortality. Calculate Maternal mortality ration. Describe causes of maternal mortality. Define risk factors and prevention against maternal mortality. Tell the maternal mortality of Pakistan	C1, C3	1			45 minutes	
		perinatal, neonatal, Infant, post-neonatal, peri neonatal mortalities	Define perinatal mortality, neonatal mortality,infant mortality, post-neonatal mortality, formulas to calculate their rates, causes, risk factors and prevention	C1, C3	1			45 minutes	
		Essentail of Obstetric care	Define EOC. Differentiate between basic and comphrehensive EOC, three delays	C1, C3	2			45 minutes	
		TBA training programm	Define TBA training program, its importance and advantges	C1, C2	2			45 minutes	
		RH in islam	Define RH in islam and importance of breastfeeding	C1, C2	2				

Course	Торіс	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	School health service	Introduction to school health services	Define school health	C1	1	tutorial	Lecture Hall	2 hours 30 minutes	SEQS, MCQs, OSPE, viva, class tests, send up
			List the components of school health	C1	1				
			List the members of school health team	C1	1				
			Describe role of school health team members	C2	1				
			Describe the functions of school health program	C1	1				
			Discuss common health problem of school children	C1	1				
		Equipment of school health service	List common medicines and equipment	C1	2				
			School health service in Paksitan	C2	2				
		Special children	types of desks Requirements of handicapped children	C1 C2	3				

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of	Venue of	Time	Assessment
						instruction	instruction		
C	A	A41	D	C1	2.	T4	Lecture	on 45	V MCO
Community	Artropods	Arthropod	Describe arthropod	CI	2	Lecture			Viva, MCQs,
Medicine							Hall	minute	questioning,
			NI (1 11	C1	1			S	OSPE
			Name common arthropod borne	C1	1				
	-		diseases		+_				
		Control of	Describe control measure of	C1	2				
		arthropods	arthropods						
		Insecticcides	Insecticcides and their public	C1	2				
			health importance						
	Parasitolog	Parasitic	Name parasitic diseases of public	C1	1				
	У	diseases	health importance						
			Describe the routes of transmission	C2	1				
			of all parastic diseases in human						
			beings						
			Discuss the preventive measures	C3	1				
			against parasitic diseases						
	Snake bite	Types of	Describe the types of poisonous	C1	1				
		snakes	snakes in Pakistan						
		Types of	Name the type of venom in each of	C2	1				
		venom	the snake						
		Protection	Describe protection and prevention	C3	1				
			against snake bite						

Course	Topic	Sub-topic	Learning Objective		Level				Assessment
Community	Biostatistics	Biostatistics	Define	C1	1	Lecture	Lecture	45 minute	By asking
Medicine	and HMIS		Biostatistics,			and Visit	Hall;	+ 2 hour 30	related
			,			to the	Health	minutes	questions at
						BHU and	Facilities		the end of the
						RHC to	(BHU and		lecture, Class
							RHC)		Test OSPE,
						d DHIS	idic)		MCQs and
						d Dilis			SEQs
			Describe	C2	2				SLQs
			Concepts and		-				
			uses of						
			Biostatistics						
		Data	Define data	C1	1				
		Dutu	Describe types of		1				
			data		1				
		Measurements	Define rates,	C1	1				
			ratios and						
			proportions						
			Differentiate	C2	2				
			between crude,						
			specific and						
			standardized						
			rates						
		Data presentaion	Discuss different	C2	1				
			methods of data						
			presentation						
		Measures of central	Define measures	C1	1				
		tendency	of central						
			tendency						
			Measure and	C3	1				
			interpret central						
			tendency of						
			given data						
		measures of dispersion		C1	1				
			of dispersion						
			Measure and	C2	1				
			interpret						
			measures of						
			dispersion 22						
		Standard error	define and	C1, C3	2				
			calcualte						
			standard error		1				

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Concept of health and disease	Introduction to health and disease	define health, disease, illness and wellbeing	C1					
		Iceberg phenomenon	Describe iceberg phenomenon of diseasea and discuss it with ref to important diseases	C1, C3					
		Definitions	Define basic terminologies used in community Medicine	C1					
		Prevention	List all levels prevention	C1					
			Find out the level of given prevention against any disease	C3					
		Mckeown's concept	Describe Mskeown's concept	C1					
		seven star doctor	List the attributes of 7 star doctor	C1					
		Sustainable developmental goals (SDGs)	list the SDGs and point out those relevent to public health	C1, C2					

Demography and population dynamics	principles and	define demography, population dynamics	C1					
	demographic process			1	Lecture	Lecture Hall	45 minutes	Viva, MCQs, OSPE, questioning, Log book
		apply demographic principles in health system	C3	2				
		describe the concept of demographic equation	C2	2				
	Census	Define census	C1	2				
			C2	2				
		Describe types of census	C2	2				
	Fertility and mortality	Define fertility and mortality	C1	1				
		diescribe the determinants of fertilty	C2	2				
		use various measures of fertility and mortality to	C3	2				
	Population pyramid	Describe and interpret	C1, C2	1				
		Compare the population pyramids of developed and developing countries	C3	2				
	Demographic transition, demographic trap	describe the purpose of theory of demagraphic transition	C1	2				
		Define demographic trap	C1	1				
		importance of demographic transition		1				
	High population	Describe demographic	C2	1				
		Population pyramid Demographic transition, demographic trap	describe the concept of demographic equation Census Define census describe methodology of census Describe types of census Fertility and pefine fertility and mortality diescribe the determinants of fertility and mortality use various measures of fertility and mortality use various measures of fertility and mortality to solve community issues Population pescribe and interpret pyramid Compare the population pyramid Compare the population pyramid of developed and developing countries Demographic transition, theory of demagraphic transition demographic transition Trap Define demographic transition Describe the pulic health importance of demographic transition Describe demographic transition Describe demographic transition Describe demographic transition Describe demographic transition	describe the concept of demographic equation Census Define census C1 describe methodology of C2 census Describe types of C2 census Fertility and Define fertility and mortality diescribe the determinants of fertility and mortality use various measures of fertility and mortality to solve community issues Population Describe and interpret pyramid Compare the population pyramid Compare the population pyramids of developed and developing countries Demographic transition, demographic trap Define demographic transition Describe the pulic health importance of demographic transition Describe demographic transition High population Describe demographic C2 And demographic transition Describe demographic C2	describe the concept of demographic equation C2 2 2	describe the concept of demographic equation Census Define census C1 describe methodology of C2 census Describe types of C2 census Fertility and Define fertility and mortality diescribe the determinants of fertilty and mortality use various measures of fertility and mortality and mortality is solve community is sues Population Population Describe and interpret pyramid Compare the population pyramid Compare the population pyramid Comparablic transition, demographic transition Define demographic transition The population possible the purpose of demographic transition The population possible the purpose of demographic transition Describe the pulic health c2 importance of demographic transition The population possible transition Describe the pulic health c2 importance of demographic transition The population possible demographic c2 later the pulic health can be provided the pulic health can be provided to the provided to the pulic health can be provided to the pulic health can be provided to the provided to the provided to the pulic health can be provided to the provided to t	describe the concept of demographic equation Census Define census C1 describe methodology of C2 census Describe types of C2 census Fertility and Define fertility and mortality diescribe the determinants of fertility and mortality use various measures of fertility and mortality Describe and interpret pyramid Compare the population pyramid Compare the population pyramid developing countries Demographic transition, demographic trap Define demographic transition Describe the pulic health importance of demographic transition High population Describe demographic transition Describe demographic transition Describe the pulic health importance of demographic transition Describe demographic transition	describe the concept of demographic equation Census Define census C1 2 describe types of C2 census Describe types of C2 census Describe types of C2 census Fertility and mortality diescribe the determinants of fertility and mortality use various measures of fertility and mortality to solve community issues Population Population Describe and interpret pyramid Compare the population pyramid developing countries Demographic transition, demographic transition Describe the pulic health importance of demographic transition High population Describe demographic C2 1 2 2 2 3 4 5 6 C1 C2 C3 C3 C3 C4 C4 C4 C5 C1 C2 C1 C2 C3 C3 C3 C4 C4 C4 C4 C4 C4 C5 C6 C7 C8 C9 C9 C9 C9 C9 C9 C9 C9 C9

Course	Topic	Sub-topic	Learning objective	Domain	Level		Venue of instruction	Time allocation	Assessment
Community Medicine	Disaster	Disaster	Define disaster	C1	1	Lecture and video clip	Lecture hall	45 minutes	
			Classify disasters	C2	1				
			Differentiate between disaster and accident	C2	2				
		Disaster management	Describe steps in pre and post disaster phases of disaster cycle	C2	1				
			Describe triage and tagging	C1	2			45 minutes	
			Public health intervention after disaster	C2	1				
		Effects of different disasters	Describe the magnitude and effects of dfferrent types of disasters and their public health consequences	C2	2				

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Communit y Medicine	Environmental helath sciences	Environment	Definition						
		Air	Describe composition of air						
			Enlist causes of air			1			
			pollution Mehtods of purification or air						
		diseases caused by air poullution							
		1	Explain the methods of						
			prevention of diseases caused by air pollution						
		Water	Enumerate sources of water						
			tell daily water requirement for human beings						
			metods of purification of water						
		Water pollution	Discuss causes of water pollution						
			Discuss methods of prevention against water pollution						
		Water quality standards	Discuss water quality standards						
			Enumerate diseases caused by water pollution and discuss methods of prevention against them						
		waste disposal	Describe contents of waste	6					
			solid and liquid waste						

describe safety

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Basic Epidemiology		application of	C1, C2, C3	1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			Different research designs used in epidemiology	C2, C3	2	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			Derfinition of mortality, morbidity and disability		1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			uses and applications of motality, morbidity,dis ability, fatality	C1, C2, C3	1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
		Epidemiologi cal mthods	Definitions and application of different epidemiologic al methods		1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			analytical,						

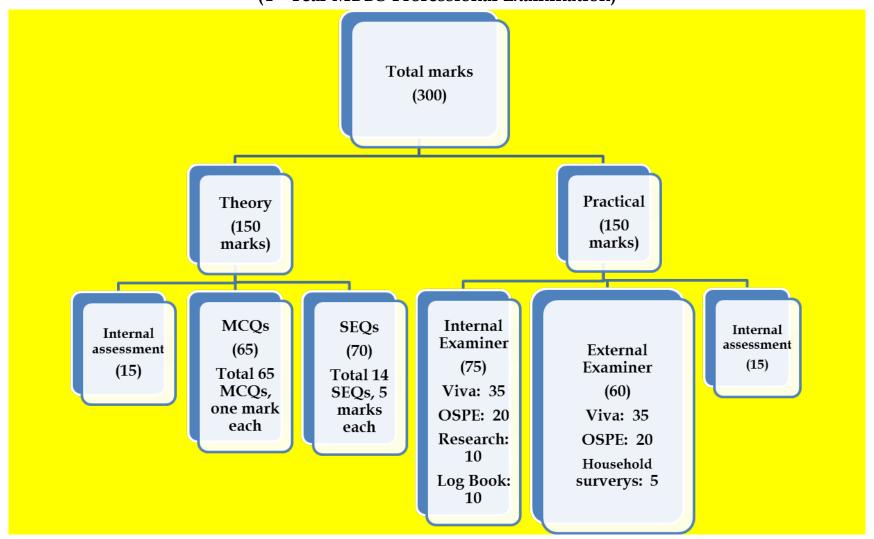
Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
		classification of Communicabl e diseases, important CDs	Communicable	C2	1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			define terminalogy used in CD,	C1	1	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
			differentiate between infective disease and Communicable disease	C3	3	Lectures	Lecture Hall	45 minutes	Viva, OSPE, SEQs, MCQs, questioning,
		Control of infection	Epidemiology, control and spread of important Communicable diseases, and prevention against each of them at primary, secondary and tertiary levels	C2, C3	1	Lectures (about 8 lectures)	Lecture Hall	6 hours	Viva, OSPE, SEQs, MCQs, questioning,

Course	Topic	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Communit y Medicine		Concept of health education	Define health education						
			Explain contents, principles and stages of health education						
			Describe aims and objectives of health education						
			Discuss Approaches used in public health						
		Communication	Discuss mehods of communication Describe barriers of communication						
		heald education	skills of communication Plan a health education						
		program	program organize and evaluate						
		Social marketing	define social marketing and its uses healt education						

Course	Торіс	Sub-topic	Learning objective	Domain	Level	Mode of instruction	Venue of instruction	Time allocation	Assessment
Community Medicine	Dynamics of infectious disease transmission		Define reservoir and source of infection	C1	1				
			Discuss the procedure of escape of organism from reservoir	C1	1				
			discuss mode of entry of pathogen into the host	C2	1				
			Define host and susceptible host	C1	2				
		Immunity	Define immunity	C1	1				
			describe types of immunity	C2	1				
		Immunization	Define immunization	C1	1				
			Describe EPI schedule with details of each vaccine	C2	1				
	Control of infection	Prevention against infection	Describe the methods of controlling reservoir of infection	C2	1				
			What is notification	C1	2				
			Discuss Primary, secondary and tertiary prevention against infection	C2	1				
			describe interruption of transmission	C2	2				

EVALUATION METHOD

(4th Year MBBS Professional Examination)



REFERENCE BOOKS

(as listed in the UHS curriculum)



- 1. Textbook of Community Medicine by Park J E. Latest edition
- 2. Textbook of Community Medicine by Ilyas Ansari. Latest edition
- 3. Textbook of Community Medicine by Maxcy-Rozenau-Last. Latest edition
- 4. Medical statistics by R. Kirkwood. Latest edition
- 5. Online Journals and reading materials through HEC digital library facility and WHO website