

ISLAM MEDICAL COLLEGE

Sialkot — Pakistan

Block 10

Study Guide

Fourth Year MBBS

BLOCK 10 MODULES:

MODULE 24: Community Medicine & Family Health-II

MODULE 25: GIT & Nutrition-II

MODULE 26: Eye & ENT-I

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MODULE LEAD DETAILS

Hello, I am Dr. Arooj Fatima working as a Senior Lecturer in Community Medicine department of Islam Medical College, Sialkot and now acting as **a Module Lead of Block 10**. I completed my graduation from Islam Medical and Dental College, Sialkot, CHPE from NUMS and MPH Scholar at Institute Of Public Health, University Of Lahore.

You can come to meet me in Community Medicine Department office, Academic Block 2 from 08:00 – 15:00 hours on weekdays. You can also contact me freely on my email aroojhaider12@yahoo.com.

Office Hours: Monday to Friday, 08:00 – 15:00 Hours

Location: Academic Block2 / Departmental Offices

MODULE OVERVIEW

MODULE 24: Community Medicine & Family Health-II

Community Medicine & Family Health-II equips future healthcare professionals with the knowledge, skills, and attitudes necessary to implement preventive strategies, promote health, and reduce the burden of disease through a primary healthcare approach aimed at achieving universal health coverage. It enables students to understand how social, economic, and environmental factors influence health outcomes and prepares them to address health disparities effectively. The module also focuses on developing competencies to respond to public health challenges such as pandemics, natural disasters, and environmental hazards through community-based strategies. Additionally, it emphasizes the importance of providing family health services at the community level.

MODULE 25: GIT & Nutrition-II

GIT and Nutrition II shifts the focus to pathological basis and clinical aspects of gastrointestinal and nutritional disorders. The module emphasizes disease mechanisms, characteristic pathological features, clinical presentations, diagnostic approaches, and evidence-based management of both common and significant GIT conditions, with nutrition considered in relation to these disorders. Students will gain a deeper understanding of how pathological changes translate into clinical symptoms and disease progression. Nutritional aspects, including deficiencies and metabolic derangements, will be studied in parallel, reinforcing their close link with gastrointestinal health and disease.

MODULE 26: Eye & ENT-I

Ophthalmology and Otorhinolaryngology are vital medical specialties dedicated to the diagnosis, treatment, and prevention of eye, ear, nose, and throat diseases. This module aims to equip medical students with the knowledge and clinical skills necessary to identify and manage a wide range of ophthalmic and otorhinolaryngological conditions frequently encountered in general practice and emergency settings. The module will foster an integrated approach through contributions from anatomy, physiology, pathology, pharmacology, oncology, and forensic medicine.

MODULE LEARNING OUTCOMES

Module 24: Community Medicine & Family Health-II

- Apply biostatistical and epidemiological methods to collect, analyze, interpret, and present health data for evidence-based decision-making and research.
- Analyze demographic principles, transitions, and indicators to evaluate their implications for population health and healthcare planning in the context of Pakistan and globally.
- Evaluate occupational and environmental health risks, identify related diseases and hazards, and propose preventive, protective, and management strategies within legal and organizational frameworks.
- Develop and apply strategies for disaster preparedness, response, and recovery, including triage, relief management, and community mobilization.
- Critically appraise health systems, planning processes, and policies, and relate them to sustainable development goals and the concept of 'Health for All'.
- Diagnose and manage common primary care presentations: headache, fever, unwell child, mental health disorders, generalized weakness/weight loss, urogenital symptoms, skin conditions, and geriatric problems.
- Demonstrate patient-centered communication and appropriate referral practices in a primary care context.

Module 25: GIT & Nutrition-II

- Describe the pathophysiology of major GIT diseases including esophageal, gastric, intestinal, hepatobiliary, and pancreatic conditions.
- Apply clinical knowledge of GIT pathology to diagnose and manage common GIT conditions.
- Integrate pharmacological treatment options for GIT disorders including antacids, H2 blockers, PPIs, mucosal protective agents, anti-emetics, prokinetics, and laxatives.
- Appreciate the role of nutrition in maintaining and restoring GIT health.
- Understand the impact of GIT pathology in community health settings.
- Identify psychological factors contributing to GIT disorders.
- Manage common pediatric surgical GIT conditions including intussusception, appendicitis, hernia, and hydrocele.
- Describe perioperative nutritional management strategies for surgical patients.

Module 26: Eye & ENT-I

- Explain the pathophysiology and clinical features of common ear, nose, and throat disorders and common ophthalmic conditions.
- Identify and diagnose prevalent otorhinolaryngological and ophthalmic conditions through history-taking and clinical evaluation.
- Perform basic examination techniques for eyes and ENT competently.
- Initiate appropriate first-line management for common conditions and determine indications for timely specialist referral.
- Recognize and provide initial stabilization for otorhinolaryngological and ophthalmic emergencies.
- Communicate effectively with patients regarding conditions, management options, and preventive strategies.

- Demonstrate professionalism, ethical conduct, and a respectful attitude in patient care.

MODULE SCHEDULE

The detailed module schedule and weekly timetable will be posted following the module planning meeting. Students are advised to check official communication channels regularly for updates.

Subjects Integrated in Block 10:

Module 24 — CMFH-II	Module 25 — GIT & Nutrition-II	Module 26 — Eye & ENT-I
Community Medicine	Pathology	Anatomy
Family Medicine	Clinical Pharmacology & Therapeutics	Physiology
	General Medicine	Pathology
	General Surgery	Pharmacology
	Community Medicine	Oncology
	Paediatric Surgery	Forensic Medicine
	Gastroenterology	Rheumatology

MODULE CONTENTS

MODULE 24: COMMUNITY MEDICINE & FAMILY HEALTH-II

MODULE RATIONALE

Community Medicine & Family Health-II equips future healthcare professionals with the knowledge, skills, and attitudes necessary to implement preventive strategies, promote health, and reduce the burden of disease through a primary healthcare approach aimed at achieving universal health coverage.

THEORY: COMMUNITY MEDICINE-II

Code	Topic	Specific Learning Outcomes	Integrating Discipline
CMFH2CM-001	Biostatistics and Health Management Information System	Explain basic concepts of biostatistics; classify data types; define and apply rates, ratios, proportions; describe vital event collection in Pakistan; apply data presentation methods; calculate central tendency (mean, median, mode) and dispersion; interpret normal curve; analyze sampling techniques; apply t-test, chi-square, and correlation.	Community Medicine
CMFH2CM-002	Demography and Population Dynamics	Explain demographic principles; describe and interpret population pyramids; identify determinants of fertility and mortality; calculate fertility/mortality indicators; describe demographic transition stages; calculate dependency ratio, growth rates, doubling time; define demographic trap/window/bonus/dividend; explain census methodology; discuss implications of high population growth and urbanization.	Community Medicine
CMFH2CM-003	Occupational Health	Explain occupational health, medicine, and hygiene; identify and classify workplace hazards; apply occupational disease prevention principles; define ergonomics; interpret occupational lung diseases (pneumoconiosis, silicosis, byssinosis, etc.); analyze lead poisoning; describe industrial accidents and sickness absenteeism; recommend worker protection measures.	Community Medicine
CMFH2CM-004	Disaster Management and Accidents	Define and classify disasters; describe disaster cycle and phases; explain epidemiology and prevention of communicable diseases during disaster; describe impact of man-made disasters; apply triage principles.	Community Medicine

Code	Topic	Specific Learning Outcomes	Integrating Discipline
CMFH2CM-005	Health Planning and Management	Define health planning and its relevance; describe steps of the health planning cycle; discuss key management methods and techniques.	Community Medicine

THEORY: FAMILY HEALTH-II

Code	Topic	Specific Learning Outcomes	Integrating Discipline
CMFH2FM-001	Headache	Define and classify headache; diagnose migraine (with/without aura), tension-type, cluster headaches; identify red flags; list secondary headache causes; outline treatment for each type; prescribe prophylactic treatment; plan secondary headache management; advise non-pharmacological measures.	Family Medicine / Neurology / Medicine
CMFH2FM-002	Fever	Classify fever by duration and pattern; outline infectious and non-infectious causes; enlist baseline investigations; outline symptomatic and disease-specific treatment; counsel patients/caregivers; identify red flags requiring urgent referral.	Family Medicine / Medicine
CMFH2FM-003	Unwell Child	List causes of unwell child presentation; outline initial assessment; identify red flag signs; enlist baseline investigations; plan management (stabilization, symptomatic, specific care, referral indications); discuss preventive aspects (immunization, nutrition, early recognition).	Family Medicine / Paediatrics
CMFH2FM-004	Mental Health	Enlist common mental health disorders relevant to general practice; outline key signs and symptoms; discuss initial management and referral pathways; explain the role of general practitioners in promoting mental health.	Family Medicine / Psychiatry
CMFH2FM-005	Generalized Weakness and Weight Loss	Enlist common causes; outline baseline investigations; evaluate red flag features; formulate initial management plan; discuss role of family physicians in early recognition and lifestyle modification.	Family Medicine / Medicine
CMFH2FM-006	Urogenital Symptoms (Male and Female)	Identify common urogenital symptoms; enlist common causes; outline baseline investigations; evaluate warning signs for urgent referral; discuss general management principles including symptomatic treatment, infection control, and referral.	Family Medicine / Nephrology / Urology
CMFH2FM-007	Skin Conditions (Common OPD Cases)	Diagnose common fungal, ectoparasitic (scabies, pediculosis), bacterial (cellulitis, folliculitis), and viral (warts, herpes simplex) skin infections; identify red flags; outline primary care management; diagnose inflammatory/allergic conditions (eczema, atopic dermatitis, acne vulgaris); outline management including lifestyle advice and topical therapy.	Family Medicine / Dermatology
CMFH2FM-008	Common Geriatric Issues	Identify common geriatric problems (pressure ulcers, incontinence, falls, functional decline, delirium); discuss geriatric assessment components; identify red flag symptoms in elderly; counsel on chronic disease	Family Medicine / Medicine

Code	Topic	Specific Learning Outcomes	Integrating Discipline
		management, adherence, rehabilitation, and end-of-life care.	

MODULE 25: GIT & NUTRITION-II

MODULE RATIONALE

Building on the foundational knowledge of GIT structure and function from Year 3, GIT and Nutrition II focuses on pathological and clinical aspects of gastrointestinal and nutritional disorders. Students will explore disease mechanisms, clinical presentations, diagnostic approaches, and evidence-based management for conditions across the GIT, hepatobiliary system, and nutritional sciences.

THEORY: ORAL CAVITY & SALIVARY GLAND TUMORS

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa001	Oral infectious diseases	Classify and describe morphological features of oral infectious diseases.	Pathology
GIT2-Pa002	Oral lesions	Describe benign, premalignant, and malignant oral lesions.	Pathology
GIT2-Pa003–004	Salivary gland tumors & Pleomorphic adenoma	Classify salivary gland tumors; discuss histopathological features of pleomorphic adenoma and Warthin's tumor.	Pathology
GIT2-Pa005	Malignant salivary gland tumors	Differentiate pathological features of common malignant salivary gland tumors.	Pathology
GIT2-Pa006	Diagnostic tools	Explain the role of immunohistochemistry and other diagnostic tools in differentiating salivary gland tumors.	Pathology

THEORY: ESOPHAGUS

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa007–011	Esophageal pathology	Discuss esophageal obstruction causes; describe pathogenesis of esophagitis, esophageal varices, Barrett's esophagus, and tumors (adenocarcinoma, SCC).	Pathology
GIT2-GE012	Dysphagia	Define dysphagia; explain pathophysiology; outline etiology; develop stepwise diagnostic and management plan.	Gastroenterology/Medicine
GIT2-GE013	GERD	Diagnose GERD; enlist etiology and pathophysiology; outline differential diagnosis.	Gastroenterology/Medicine
GIT2-GE014	Achalasia	Diagnose and describe etiology; outline investigations; interpret radiological and endoscopic findings; discuss treatment.	Gastroenterology/Medicine

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-GE015	Esophageal candidiasis	Diagnose; enumerate risk factors; outline investigations and treatment.	Gastroenterology/Medicine
GIT2-GE016	Esophageal cancer	Describe risk factors; diagnose; outline investigations and staging; discuss treatment.	Gastroenterology/Medicine

THEORY: STOMACH AND DUODENUM

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa017–022	Gastric pathology	Describe acute/chronic gastritis, PUD, hypertrophic gastropathies, gastric polyps/adenomas, and gastric tumors (adenocarcinoma, MALTOMA, GIST, carcinoid).	Pathology
GIT2-GE023	Vomiting	Explain causes and pathophysiology; formulate differential; identify red flags; enlist investigations; outline management.	Gastroenterology/Medicine
GIT2-GE024	Hematemesis	Enumerate causes; identify risk factors; describe clinical presentation; outline investigations and emergency management.	Gastroenterology/Medicine
GIT2-GE025	Abdominal pain	Enumerate causes; develop differential; outline investigations and treatment.	Gastroenterology/Medicine
GIT2-GE026	Acid peptic disease	Diagnose based on symptoms; explain role of H. pylori; plan diagnostic workup and management.	Gastroenterology/Medicine
GIT2-GE027	Gastric carcinoma	Classify types; enlist risk factors; describe clinical presentation; plan diagnostic workup; explain staging; discuss treatment.	Gastroenterology/Medicine
GIT2-S028	Duodenal obstruction	Describe causes; diagnose duodenal tumours; outline investigations.	Surgery
GIT2-S029	Bariatric and metabolic surgery	Describe surgical management of obesity; explain rationale; outline eligibility and NICE guidelines; describe surgical procedures; identify and manage perioperative complications.	Surgery
GIT2-Ph030–034	GIT Pharmacology	Classify and describe antacids, H2 receptor blockers, PPIs, mucosal protective agents, and anti-emetics (pharmacokinetics, mechanism, uses, adverse effects, drug interactions).	Pharmacology

THEORY: SMALL & LARGE INTESTINE

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa035	Diseases of Small/Large Intestine	Describe ischemic bowel disease, malabsorption syndromes, Celiac disease (Marsh classification), Whipple disease.	Pathology
GIT2-Pa036	Infectious enterocolitis	Enumerate causative agents (bacterial, viral, parasitic); explain pathogenesis of Salmonella, MTB, and C. difficile enterocolitis.	Microbiology/Pathology
GIT2-Pa037	Crohn's disease and Ulcerative colitis	Describe pathogenesis, macro/microscopic features, and complications.	Pathology
GIT2-Pa038–039	Intestinal polyps and neoplastic polyps	Classify polyps (hyperplastic, inflammatory, hamartomatous, Peutz-Jeghers); classify polyposis syndromes; describe neoplastic polyps and colorectal carcinoma (TNM/AJCC staging).	Pathology
GIT2-Pa040	Diseases of appendix	Describe etiology and morphological features of acute appendicitis; classify and discuss tumors of appendix.	Pathology
GIT2-GE041	Diarrhea (acute and chronic)	Enlist causes; develop differential; explain pathophysiology.	Gastroenterology/Medicine
GIT2-GE042	Acute gastroenteritis	Identify causes; diagnose from symptoms; outline investigations and management.	Gastroenterology/Medicine
GIT2-GE043	Malabsorption syndromes	Classify; identify symptoms; enlist investigations; describe treatment strategies.	Gastroenterology/Medicine
GIT2-GE044	Inflammatory bowel disease	Classify IBD; identify risk factors and clinical presentations; list investigations and treatment/follow-up.	Gastroenterology/Medicine
GIT2-GE045	IBS	Define IBS; describe etiology and clinical presentation; formulate differential; outline investigations and treatment.	Gastroenterology/Medicine
GIT2-GE046	Intestinal cancers	Classify types; identify risk factors; outline staging systems and treatment options.	Gastroenterology/Medicine
GIT2-GE047–048	Constipation and Abdominal TB	Formulate differential for constipation; enlist investigations and treatment; identify clinical presentation and management of abdominal TB.	Gastroenterology/Medicine
GIT2-Ph049–050	Prokinetics, Laxatives and Purgatives	Classify and describe pharmacology of prokinetic drugs, laxatives, purgatives, stool softeners; explain role of lactulose in hepatic encephalopathy.	Pharmacology
GIT2-PS051–051d	Paediatric Surgery	List causes of intestinal obstruction; define/classify intussusception; describe appendicitis, inguinal hernia, hydrocele, phimosis, paraphimosis, vesical and cloacal extrophy in children.	Paediatric Surgery

THEORY: HEPATOBILIARY SYSTEM

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa052	Jaundice	Enumerate causes; differentiate cholestasis and hepatocellular jaundice; describe liver cirrhosis pathology; interpret LFTs.	Pathology
GIT2-Pa053	Viral hepatitis	Identify etiology and pathogenesis of hepatitis A, B, C, D, E; explain modes of transmission and acute liver failure.	Pathology
GIT2-Pa054	Alcoholic and non-alcoholic fatty liver disease	Explain pathogenesis of alcoholic liver disease; describe NAFLD progression to NASH and cirrhosis; differentiate primary biliary cholangitis, secondary biliary cirrhosis, primary sclerosing cholangitis.	Pathology
GIT2-Pa055	Hepatocellular carcinoma	Discuss pathogenesis of HCC; describe morphological variants; differentiate HCC and cholangiocarcinoma; explain cholangiocarcinoma pathogenesis.	Pathology
GIT2-Pa056	Cholelithiasis	Enumerate types of gallstones; explain etiopathogenesis; describe acute and chronic cholecystitis.	Pathology
GIT2-Pa057–058	Pancreatitis and Pancreatic cancers	Describe pathogenesis and morphology of acute/chronic pancreatitis; classify pancreatic neoplasms and precursor lesions.	Pathology
GIT2-GE059–064	Clinical Hepatobiliary Conditions	Define and classify jaundice; differentiate pre/hepatic/post-hepatic jaundice; manage acute/chronic hepatitis, NAFLD/NASH, chronic liver disease, metabolic/genetic liver disorders, and HCC.	Gastroenterology/Medicine
GIT2-S065–066	Surgical management	Describe anatomy of gallbladder and bile ducts; explain gallstone formation and surgical management; diagnose acute pancreatitis; outline surgical role in pancreatitis management.	Surgery
GIT2-PS066	Primary peritonitis	Define and differentiate primary peritonitis; list predisposing factors and causative organisms; outline management.	Paediatric Surgery

THEORY: SPLEEN

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-GE067	Spleen	Enumerate causes of splenomegaly; describe morphology of splenic congestion and rupture.	Gastroenterology/Medicine / Pathology
GIT2-PS068	Splenectomy	Enlist indications for splenectomy; describe complications; describe advantages of laparoscopic splenectomy; discuss splenic conservation benefits and post-splenectomy infection prophylaxis.	Paediatric/General Surgery

THEORY: HEALTH & NUTRITION

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-CM069	Fundamentals of Nutrition and Balanced Diet	Describe nutrition; classify food and nutrients; define balanced diet; discuss prudent diet; describe daily nutrient requirements and measures to ensure healthy dietary intake.	Community Medicine
GIT2-CM070	Macronutrients and Micronutrients	Describe role of macronutrients and micronutrients at different life stages; explain dietary fibers; discuss diseases related to nutrient deficiencies or excess.	Community Medicine
GIT2-CM071	Malnutrition	Describe concept and classification of malnutrition; identify causes; discuss impact at different life stages; describe prevention and control strategies.	Community Medicine
GIT2-CM072	Nutritional requirements	Discuss nutritional requirements of children under 5, during pregnancy, and during adolescence; explain consequences of poor adolescent nutrition.	Community Medicine
GIT2-CM073	Public Health Nutrition Programs	Describe nutritional diseases and related public health programs; discuss food fortification; describe nutritional surveillance and assessment methods.	Community Medicine
GIT2-CM074	Food Hygiene and Safety	Discuss food adulteration, food additives, and health implications; classify and prevent food-borne diseases.	Community Medicine
GIT2-S075	Perioperative Nutritional Management	Explain perioperative nutritional status assessment; describe causes and complications of malnutrition in surgical patients; discuss fluid balance management; outline nutritional support options (enteral vs parenteral).	Surgery

PRACTICAL / LAB WORK

Code	Topic	Specific Learning Outcomes	Integrating Discipline
GIT2-Pa076	GIT Pathology (Practical)	Identify morphological features (gross and microscopic) of Barrett's esophagitis, gastric carcinoma, Celiac disease, FAP, Peutz-Jeghers syndrome, adenocarcinoma colon, Crohn's disease, ulcerative colitis, acute appendicitis, and salivary gland tumors.	Pathology
GIT2-Pa077	Gallbladder & Pancreas (Practical)	Identify morphological features of fatty liver, liver cirrhosis, hepatocellular carcinoma, gallstones, chronic cholecystitis; interpret abnormal LFTs and acute pancreatitis reports.	Pathology
GIT2-Ph078	Pharmacology (Practical)	Write prescriptions for: Acid Peptic Disease; Chemotherapy-induced vomiting; Motion sickness; IBS; IBD; Diarrhea.	Pharmacology

MODULE 26: EYE & ENT-I

MODULE RATIONALE

The inclusion of otorhinolaryngology and ophthalmology in the undergraduate medical curriculum ensures that future physicians acquire essential knowledge and skills to diagnose and manage common and potentially serious conditions in these specialties. This module not only contributes to improved patient care but also alleviates the burden on specialized services.

THEORY: ENT-I (EAR)

Code	Topic	Specific Learning Outcomes	Integrating Discipline
ENT1Ear-001	Hearing Loss	Classify hearing loss types; explain pathophysiology; differentiate conductive vs. sensorineural hearing loss; describe hearing implants.	ENT
ENT1Ear-002	Diseases of External Ear	Diagnose and manage perichondritis, otitis externa, otomycosis, cerumen impaction, foreign body impaction, auricular hematoma, frostbite, and lacerations/avulsion injuries.	ENT
ENT1Ear-003	Diseases of Middle Ear	Diagnose and manage acute otitis media, chronic otitis media, otosclerosis, and pre-lingual sensorineural hearing loss; outline management of facial paralysis in otitis media.	ENT
ENT1Ear-004	Diseases of Inner Ear	Explain pathophysiology and manage BPPV (including repositioning maneuvers), vestibular neuronitis, Meniere's disease, presbycusis, noise-induced hearing loss (NIHL).	ENT
ENT1Ear-005	Ototoxic hearing loss	Enlist ototoxic drugs; describe mechanism of ototoxicity; identify clinical presentation; outline monitoring, prevention, and management strategies.	ENT / Pharmacology
ENT1Ear-006	Glomus tumor & Temporal bone trauma	Identify clinical features of glomus tumor; enlist investigations; discuss management. Describe clinical features, complications, and initial management of temporal bone trauma.	ENT
ENT1Ear-007	Facial Nerve Palsy	Describe causes and clinical features; outline management; identify complications and prognostic factors.	ENT
ENT1Ear-008	Surgical Procedures of Ear	Describe indications for: Myringotomy, Myringoplasty, Tympanoplasty, Cortical mastoidectomy, Modified radical mastoidectomy, Radical mastoidectomy.	ENT

THEORY: EYE-I

Code	Topic	Specific Learning Outcomes	Integrating Discipline
Eye1001	Orbit	Describe clinical presentation, causes, management and complications of orbital cellulitis; differentiate causes of proptosis (thyroid eye disease, IOID, fungal, tumors); explain blowout fracture and its management.	Ophthalmology
Eye1002	Lacrimal Apparatus	Explain tear production and drainage; differentiate epiphora and lacrimation; enumerate symptoms of acute/chronic dacryocystitis; outline management of dacryocystitis and dacryoadenitis.	Ophthalmology
Eye1003	Eyelids	Differentiate ectropion and entropion; manage trichiasis and distichiasis; classify blepharitis; manage sty and chalazion; define and manage ptosis (surgical and non-surgical).	Ophthalmology
Eye1004	Conjunctiva	Describe pterygium/pingecula management; classify and manage infective conjunctivitis (bacterial, viral, trachoma), allergic conjunctivitis, and dry eyes.	Ophthalmology
Eye1005	Sclera	Diagnose and manage episcleritis and scleritis; differentiate from other causes of red eye.	Ophthalmology
Eye1006	Cornea	Classify and manage keratitis; diagnose and manage corneal ulcers by etiology (bacterial, viral, fungal, acanthamoeba, autoimmune); discuss contact lens complications; describe photorefractive surgery; define and manage keratoconus.	Ophthalmology

WEEKLY TIMETABLES

Weekly timetables will be posted after the module planning meeting. Students will be notified through official college communication channels.

All students must attend a minimum of 75% of all scheduled sessions to be eligible for the Block 10 examination.

ASSESSMENT TOOLS

Students will be assessed by the following methods:

1. Fortnightly Assessments

Assessments will be conducted every Monday to evaluate ongoing understanding of the module content.

2. Assignments / PBLs

Assignments and Problem-Based Learning (PBL) exercises will be given monthly. These are designed to promote self-directed learning and the integration of knowledge across disciplines.

3. Block Exam

At the end of Block 10, a comprehensive examination will be conducted comprising:

- Theory: Multiple Choice Questions (MCQs)
- Theory: Short Essay Questions (SEQs)
- Practical / OSPE

4. Departmental Quizzes, Presentations & Group Projects

Individual departments may conduct quizzes, presentations, and group projects at their discretion as additional assessment tools.

Assessment Type	Frequency	Weightage	Format
Fortnightly Assessments	Every Monday	Formative	MCQs
Assignments / PBLs	Monthly	Formative	Written/Oral
Block Exam (Theory)	End of Block	Summative	MCQs & SEQs
Block Exam (Practical)	End of Block	Summative	OSPE
Departmental Assessments	As scheduled	Formative	Variable

RECOMMENDED SOURCES

Module	Subject/Discipline	Recommended Text / Reference
Community Medicine & Family Health-II	Community Medicine	Park's Textbook of Preventive and Social Medicine (K. Park)
Community Medicine & Family Health-II	Family Medicine	Current Medical Diagnosis & Treatment (Lange); Murtagh's General Practice
GIT & Nutrition II	Pathology	Robbins & Cotran Pathologic Basis of Disease
GIT & Nutrition II	Gastroenterology/Medicine	Harrison's Principles of Internal Medicine; Davidson's Principles & Practice of Medicine
GIT & Nutrition II	Surgery	Bailey & Love's Short Practice of Surgery; Schwartz's Principles of Surgery
GIT & Nutrition II	Pharmacology	Katzung's Basic & Clinical Pharmacology; Rang & Dale's Pharmacology
GIT & Nutrition II	Community Medicine / Nutrition	Park's Textbook of Preventive and Social Medicine; WHO Nutrition Guidelines
Eye & ENT-I	ENT	Scott-Brown's Otorhinolaryngology, Head and Neck Surgery; Logan Turner's Diseases of the Ear, Nose and Throat
Eye & ENT-I	Ophthalmology	Kanski's Clinical Ophthalmology; Parson's Diseases of the Eye

MODULE COORDINATORS

Students are encouraged to contact the relevant coordinator for queries related to their specific module or subject area. Office hours are Monday to Friday, 08:00 – 15:00.

Module	Subject	Department	Office Location
Community Medicine & Family Health-II	Community Medicine	Department of Community Medicine	Academic Block 2, First Floor
Community Medicine & Family Health-II	Family Medicine	Department of Community Medicine	Academic Block 2
GIT & Nutrition II	Pathology (Module Lead)	Department of Pathology	Academic Block 2, Ground Floor
GIT & Nutrition II	Gastroenterology / Medicine	Department of Medicine	Clinical Block
GIT & Nutrition II	Surgery	Department of Surgery	Clinical Block
GIT & Nutrition II	Pharmacology	Department of Pharmacology	Academic Block 2, Second Floor
GIT & Nutrition II	Community Medicine	Department of Community Medicine	Academic Block 2, Second Floor
GIT & Nutrition II	Paediatric Surgery	Department of Paediatric Surgery	Clinical Block
Eye & ENT-I	ENT	Department of ENT	Clinical Block
Eye & ENT-I	Ophthalmology	Department of Ophthalmology	Clinical Block

IMPORTANT NOTE

Students are strongly advised to:

- Attend all scheduled sessions and achieve the minimum attendance requirement (75%) to be eligible for examinations.
- Follow official college notifications for any changes to the timetable or module content.
- Contact the relevant department coordinator promptly for academic queries.
- Maintain professional conduct in all learning environments including wards, labs, and classrooms.
- Practice self-directed learning by consulting recommended sources in addition to attending formal sessions.

DISCLAIMER

This module guide is intended as a reference document for Block 10 students. The information contained herein is subject to change, and students should stay updated through official communication channels. The college reserves the right to modify module content, schedules, and assessment formats as necessary. Any such changes will be communicated to students through official channels in a timely manner.

subject to review and verification by module faculty.