

Lesson Plans for Lecture Contents of MBBS Students

Department of Pediatrics

Comilla Medical College Hospital, Cumilla

Topic	GBS, TM, Poliomyelitis
Teacher's Name	Dr. Javed Iqbal
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-To know objectives of AFP -To acquire knowledge of GBS, TM and Poliomyelitis -How to diagnose and manage GBS, TM and Poliomyelitis.
Contents (45 Min)	-Definition of AFP -Definition and etiology of GBS, TM and Poliomyelitis -Clinical Features of GBS, TM and Poliomyelitis -Investigations of GBS, TM and Poliomyelitis -Management and prognosis of GBS, TM and Poliomyelitis
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson text Book of Pediatrics Essence of Pediatrics by MR Khan

Topic	CP, Mental Retardation, Encephalitis
Teacher's Name	Dr. Javed Iqbal
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-To acquire basic knowledge -To diagnose and manage the cases
Contents (45 Min)	-Definition of CP, Mental retardation and Encephalitis -Presentation and Etiology -Diagnostic tools available -Management protocol -Counselling and follow up
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Veena Karla Pediatric Neurology Nelson Textbook of Pediatrics Essential of Pediatrics by MR Khan

Topic	PEM, SAM, CMAM
Teacher's Name	Dr. Khondokar Mobasher Ahmed
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-Will be able to diagnose PEM, SAM and CMAM -Can calculate different scales of nutrition -Can manage 10 steps of SAM
Contents (45 Min)	-Definition -Assessment scales -Pathogenesis of PEM -Difference between marasmus and kwashiorkor -History, Examination and investigations of PEM -10 steps of management
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of Pediatrics, 22 edition -National Guideline on SAM

Topic	Portal HTN and CLD
Teacher's Name	Dr. Khondokar Mobasher Ahmed
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	Will be able to diagnose and manage portal HTN and CLD
Contents (45 Min)	-Definition and pathophysiology of portal HTN -Emergency management and long term management of portal HTN -Definition and classification of CLD -Etiology, evaluation and treatment of CLD
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook on Pediatrics, 22 edition Walker's Pediatric Gastrointestinal Disease

Topic	Fulminant hepatic failure and hepatic encephalopathy
Teacher's Name	Dr. Khondokar Mobasher Ahmed
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	Will be able to diagnose and treat FHF and hepatic encephalopathy
Contents (45 Min)	-Staging of hepatic encephalopathy -Management of hepatic encephalopathy -Definition and etiology of FHF -Approach to management of FHF
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook on Pediatrics, 22 edition Walker's Pediatric Gastrointestinal Disease

Topic	Diabetes Mellitus
Teacher's Name	Dr. Maher Akter
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-Knowledge and to understand about DM -Focus on • How to diagnose in OPD • How to start treatment and when to refer • How to manage DKA and Hypoglycemia in emergency • How to prevent complications
Contents (45 Min)	-Introduction -Pathophysiology -Clinical features -Diagnosis -Complications -Management -Management of complications -Prevention and follow up
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of pediatrics Guideline for Management of common Endocrine Problems in Children

Topic	IYCF (BF and Complementary feeding)
Teacher's Name	Dr. Najnin Akter
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To achieve the goals of SDG and reducing under 5 death rates
Contents (45 Min)	Definition and components Advantages and disadvantages of formula feeding -Lactation failure -Expressing and storage of of BM -Wet nursing -BFHI and BMS act
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	IMCI Guidelines Nelson textbook of Pediatrics 22 edition National Nutritional Survey

Topic	Abdominal pain and helminthiasis
Teacher's Name	Dr. Khokon Chandra Mojumder
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	At the end of lecture the students will be able to know about recurrent abdominal pain and helminthiasis
Contents (45 Min)	-Introduction -Causes of recurrent abdominal pain and helminthiasis -Clinical features -Investigations -Treatment plan -Prevention
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of Pediatrics 22 edition Essential of Pediatrics by MR Khan

Topic	Communication and Counselling
Teacher's Name	Dr. Md. Iftekharul Haque Khan
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-How to develop relationship and become a partner in the management goal -Building Confidence
Contents (45 Min)	-Keys of communication -Step by step discussion - Few important cases eg. Thalassemia, Down Syndrome, Congenital Heart Disease etc
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	-The Handbook of Counselling Children and Young people -A Practical introduction to play therapy

Topic	Growth and Development, FTT, Early Childhood Development
Teacher's Name	Dr. Md. Iftekharul Haque Khan
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	-Definition and parameters of growth -Definition and parameters of development -Definition of growth failure and developmental delay
Contents (45 Min)	-Definition -Anthropometry measurement -Z score calculation -Development parameter -Developmental delay intervention
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of Pediatrics 22 edition

Topic	Childhood behavior disorder, ASD, Somatoform disorder, Enuresis
Teacher's Name	Dr. Khokon Chandra Mojumder
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	At the end of the lecture the students will be able to know -common behavior disorder -somatoform disorder -about ASD and ADHD
Contents (45 Min)	-Introduction -types of behavior disorder -different symptoms -different etiology -prevention and treatment of behavior disorder
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of Pediatrics 22 edition Essential of Pediatrics by MR Khan Step on to Pediatrics

Topic	Tuberculosis
Teacher's Name	Dr. Md. Iqbal Hossain
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -the causative organism of TB Pathophysiology -diagnostic criteria -clinical features treatment
Contents (45 Min)	-Introduction -Causative organisms -Pathophysiology -Clinical features -Diagnostic criteria Investigations -Treatment -Adverse effects of these drugs
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	National Guideline on childhood TB in Bangladesh Nelson Textbook of Pediatrics 22 edition

Topic	Viral hepatitis
Teacher's Name	Dr. Md. Iqbal Hossain
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know the -Causative organism -Pathophysiology and risk factor -Clinical features -Investigations and treatment
Contents (45 Min)	-Introduction -Causative organism -Pathophysiology and risk factor -Clinical features -Investigations -Treatment and follow up
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics 22 edition Practical Approach to Pediatric Gastroenterology, Hepatology and Nutrition

Topic	Malaria, Kala-azar
Teacher's Name	Dr. Md. Iqbal Hossain
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Causative organism and their life cycle -Clinical features -Investigations -Treatment -Complications
Contents (45 Min)	-Introduction -Causative organism and their life cycle -Pathophysiology -Clinical features -Investigations -Treatment and complication
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	National Guideline for the Kala-azar case management National guidelines for diagnosis and treatment of malaria

Topic	Accidental poisoning (kerosene, OPC, snake bite) and Drowning
Teacher's Name	Dr. Md. Iqbal Hossain
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -common poisoning in children -clinical features of common poisoning -treatment of common poisoning cases -clinical feature and treatment of drowning -diagnosis, investigation and treatment of snake bite
Contents (45 Min)	Introduction -Clinical features of common poisoning -Clinical features of specific poisoning -Treatment of unknown and specific poisoning -Introduction and pathophysiology of drowning -Clinical features and treatment of drowning -Diagnosis, Investigations and treatment of snake bite
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson textbook of Pediatrics, 22 edition National guideline on poisoning in children, drowning and snake bite.

Topic	IDA, Thalassemia
Teacher's Name	Dr. ANM Shahidul Islam Bhuiyan
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To acquire basic knowledge to diagnose and manage the cases.
Contents (45 Min)	Definition of anemia Classification of anemia Etiology and diagnostic tools available Management protocol Counselling and follow up
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition

Topic	Measles, Mumps, Poliomyelitis
Teacher's Name	Dr. ANM Shahidul Islam Bhuiyan
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To acquire basic knowledge To diagnose and manage the cases
Contents (45 Min)	-Clinical features -Investigations -Complications Treatment Follow up
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition

Topic	JIA and Myopathy
Teacher's Name	Dr. ANM Shahidul Islam Bhuiyan
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To acquire basic knowledge to diagnose and manage the case
Contents (45 Min)	Definition and cause of myopathy Clinical feature of JIA and DMD Management of JIA and DMD Counselling of JIA and DMD
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition

Topic	Fluid and Electrolyte
Teacher's Name	Dr. Ashraful Islam
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Regulation of fluid -Dyselectrolytemia -Regulation of Acid Base Balance -Treatment of dyselectrolytemia
Contents (45 Min)	Total body water Regulation of ECF Dehydration in children Etiology and clinical feature of Hyponatremia, Hypertnatremia, Hypokalemia and Hyperkalemia
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition

Topic	UTI, CKD, ARF
Teacher's Name	Dr. Ashraful Islam
Place	Lecture Gallery
Time	11:30-12:30
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Cause and treatment of AKI -Clinical feature and treatment of UTI -Staging, Investigation and treatment of CKD
Contents (45 Min)	Clinical feature of UTI Investigations of UTI Treatment of UTI Criteria of AKI Cause, Investigation and treatment of AKI Pathophysiology, Investigation and treatment of CKD
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	Nephrotic syndrome
Teacher's Name	Dr. Ashraful Islam
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know clinical features, investigations and treatment of Nephrotic syndrome
Contents (45 Min)	Clinical features of nephrotic syndrome Investigations of nephrotic syndrome Treatment of nephrotic syndrome Complications of nephrotic syndrome Treatment of edema Follow up
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	AGN
Teacher's Name	Dr. Ashraful Islam
Place	Lecture Gallery
Time	11:30 am--12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know diagnosis and treatment of AGN
Contents (45 Min)	Classification of glomerular disease Clinical features of AGN Diagnosis and treatment of AGN Complication of AGN Treatment of complication of AGN
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	ITP, DIC, VWD
Teacher's Name	Dr. Md. Mojibur Rahman
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Pathogenesis of ITP, DIC and VWD -Clinical features of ITP, DIC and VWD -Investigations of ITP, DIC and VWD -Treatment of ITP, DIC and VWD
Contents (45 Min)	-Introduction -Pathogenesis -Clinical features -Investigations -Treatment -Complications
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	ITP, DIC, VWD
Teacher's Name	Dr. Md. Mojibur Rahman
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Pathogenesis of ITP, DIC and VWD -Clinical features of ITP, DIC and VWD -Investigations of ITP, DIC and VWD -Treatment of ITP, DIC and VWD
Contents (45 Min)	-Introduction -Pathogenesis -Clinical features -Investigations -Treatment -Complications
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	MDG (4), SDG, EPI, ETAT
Teacher's Name	Dr. Md. Mojibur Rahman
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -the goal of SDG -target -indicator -EPI schedule
Contents (45 Min)	-Introduction -EPI vaccine names, dose of vaccines, vaccine schedule -Definition and content of ETAT
Method	Interactive lecture, supported by guided discussion and question–answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	Vitamin and micronutrient disorder (Iron, Zinc, Calcium), Obesity, Xerophthalmia
Teacher's Name	Dr. Md. Mojibur Rahman
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -source of vitamins and micronutrients -To know clinical features of deficiency
Contents (45 Min)	-Introduction -Clinical features -Treatment -Prevention
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology

Topic	Rickets and Scurvy
Teacher's Name	Dr. Md. Mojibur Rahman
Place	Lecture Gallery
Time	11:30 am-12:30 pm
Duration	60 min
Target	5th Year Students
Objectives (2 Min)	To know -Cause -Pathogenesis -Clinical features
Contents (45 Min)	-Introduction -Clinical features -Presentation -Treatment -Prevention
Method	Interactive lecture, supported by guided discussion and question-answer session
Material	Whiteboard and marker Pdf of course outline/handouts Microscope & Histological slides) Speakers
Assessment (10 Min)	Interactive questioning during the session (oral responses). Short recap questions at the end of key topics. Observation of engagement to note attentiveness, eye contact, note-taking, and verbal participation. Ask one or two students to summarize the session briefly before closing.
Summary (03 Min)	Key point of lecture
References	Nelson Textbook of Pediatrics, 22 edition Textbook on Pediatric Nephrology