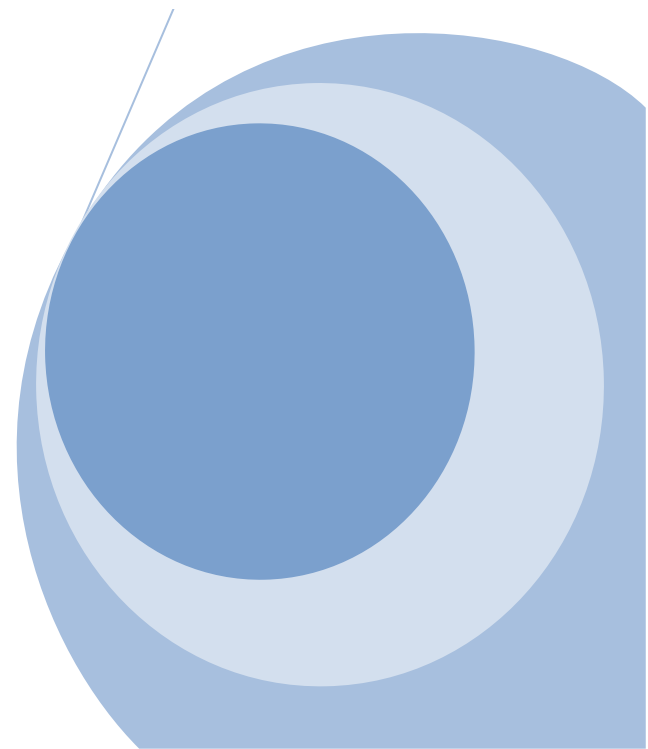


STUDY GUIDE

PMDC MBBS CURRICULUM

MANUAL



STUDY GUIDE FOR
PMDC MBBS CURRICULUM MANUAL
In The Subject of Pediatrics

Theme	Sub Theme	Learning Objective	Teaching Methodology	Assessment Tool	Weight-age
Nutrition	Breast Feeding Infant Feeding Weaning Nutritional Disorder (PCM, Rickets, Vitamin A Deficiency, Iron Deficiency)	Students will demonstrate understanding of the importance of nutrition in children and be able to describe diets suitable for different ages and in different diseases.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Growth and Development	Growth Development	Students will show an understanding of process of growth and development in childhood and will be describe growth parameters and developments milestones at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Common Pediatric Infections	Measles Tetanus Polio Diphtheria Whooping Cough AIDS Malaria Enteric Fever, Tuberculosis Chicken Pox Common Skin Infections	Students will demonstrate understanding of common childhood infections at different ages and in different diseases.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	10%
Expanded Programme of Immunization (EPI)	EPI Vaccines Newer Vaccines	Students will demonstrate understanding of existing vaccines and newer vaccines administered in childhood.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
IMCI (Integrated Management of Childhood of Illness)	Assess, Classify and treat sick young infant (<2 Months) & sick child (2 months-5 months) Acute Respiratory	Students will show an understanding of EPI, ARI etc. National program mes working for health promotion and diseases.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%

	Infections Diarrheal Disease				
Neonatology	Case of normal Newborn Birth weight asphyxia Premature and low birth babies Neonatal Jaundice Neonatal fits Respiratory distress of new born Common skin conditions of neonates Pyloric stenosis Myelo-meningocele, Hydrocephalus Common congenital Abnormalities Birth trauma	Students should be able to handle care of new born baby, in health and when suffering from common problems, along with importance of prenatal factors impacting on the well-being of the newborn.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	10%
Neurology	Meningitis Febrile, Convulsions Epilepsy Cerebral Palsy Mental handicap Cerebral Malaria Encephalitis	Students will demonstrate understanding of common childhood neurological illnesses at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Cardiology	Congenital heart diseases (VSD, PDA, TOF, ASD) Rheumatic fever Clinical assessment of a cyanotic neonate/infant and their Management	Students will demonstrate understanding of common cardiovascular disease in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Haematology	Anaemias Thalassemia Leukemias Bleeding disorders	Students will demonstrate understanding of common haematological diseases in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Nephrology	Nephrotic syndrome Urinary tract infections Acute Glomerulonephritis	Students will demonstrate understanding of common renal disease in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Endocrinology	Hypothyroidism Short stature Diabetes Mellitus	Students will demonstrate understanding of	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward	3%

		common endocrine problems in children at different ages.		Test	
Pulmonology	Croup Asthma Pneumonias Pleural Effusion	Students will demonstrate understanding of common respiratory disease in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	4%
Gastroenterology	Abdominal Pain Malabsorption Hepatitis Cirrhosis Acute liver failure Diarrhoea (acute/chronic) Dysentery Worm infestations Giardia Amoebiasis Rectal Polyp	Students will demonstrate understanding of common disease related to gut and liver in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	5%
Genetics	Pattern of inheritance Down's syndrome Turner Syndrome	Students will demonstrate understanding of the interaction between heredity and environment in the genesis of disease in children.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	1%
Social Pediatrics	Right of child Child abuse Enuresis Encopresis Hyperactivity Dyslexia Attention Deficit disorder	Students will demonstrate understanding of common problems related to social issues of children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	2%
Miscellaneous	Poisoning Prevention of home accident Behavioral disorders	Students will demonstrate understanding and knowledge about common accidents and poisoning in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	1%
Pediatrics Surgery	Hernia Intussusception Intestinal obstruction Tallipes Congenital Dislocation of Hip Vesico ureteral reflux	Students will demonstrate understanding of common surgical problems in children at different ages.	Small Group Discussion/ Lectures	MCQ'S/'SE Q's Ward Test	1%
Skills	History Taking Clinical Methods	Students will demonstrate his ability	Small Group Discussion/	MCQ'S/'SE	25%

	<p>Basic Cardiopulmonary Resuscitation Anthropometric Measurements Measuring Blood Pressure Starting Relevant Intravenous lines/draw blood sample Administration of Oxygen therapy Giving Nebulizer Therapy Use of Growth Chart Observe the following Skills: Lumbar Puncture Bone Marrow Aspiration Super Pubic Puncture Subdural Tap Thoracocentesis Pericardiocentesis Liver Biopsy Renal Biopsy Observe passing of catheter Observe Pericardial tap</p>	<p>to obtain a relevant clinical history from a parent or an older child. Students will demonstrate his ability to perform a satisfactory clinical examination of a child of any age (including new-born). Students will be able to interpret clinical and laboratory data arriving at a diagnosis. Students will be able to appropriate nutritional measures for healthy and sick children (Breast feeding, avoidance of bottle, feeding proper weaning } at proper time. Students will be able to counsel the parents on health promotive and disease prevention strategies for the child e.g. immunization procedure, hand washing. Students will recognize and manage common health problems of the children. Students will be able to recognize the danger signs of disease in children with severe disease in children and be able to appropriately refer the children with severe to appropriate specialists/hospitals. Students will demonstrate his ability to perform essential clinical procedure relevant to children.</p>	Lectures	Q's Ward Test	
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