


**STUDY GUIDE FINAL YEAR MBBS
PER UHS/PMC RULES
PAEDIATRICS
RMDC.
2023-24**

Final Year MBBS

Paediatrics: Examination Subject

1. Curricular Organization	<p>a) Credit hours</p> <p>b) UHS Syllabus</p>	<p>Total hours:150 Clinical Teaching: Theoretical Teaching 70% : 30% 105 hours :45 hours</p> <p>Annexure#1</p>
2. Academic Management	<p>a) Academic Calendar</p> <p>b)Exam Planner</p> <p>c)Planner with Facilitator & topics</p> <p>d)TOS</p> <p>e) Method of Teaching</p> <p>f) Assessments</p>	<p>Annexure attached # 2</p> <p>Annexure attached # 3</p> <p>Annexure attached #4a, 4b</p> <p>Annexure #5</p> <p>-Interactive classroom lectures -Small Group Discussions (SGD)/Clinical teaching:</p> <ul style="list-style-type: none"> • Bedside teaching • Teaching rounds • Case presentations • Short case discussions in OPD • Procedures • Clinical skills <p><u>FORMATIVE ASSESSMENT</u></p> <p>-During learning activities, continuous assessment.</p> <p>-class tests every 3rd Friday of the month</p> <p>-End ward rotation test (long and short cases, OSPE)</p>

		<u>SUMMATIVE ASSESSMENT</u> Send up exam Professional Exams by UHS
3.Outcomes	At the end of the academic session, the student should be able to 	<ul style="list-style-type: none"> ▪ have basic knowledge about Pediatrics diseases. ▪ Acquire basic clinical skill of history taking and physical examination ▪ Interpret clinical and lab data to arrive at a differential and provisional diagnosis ▪ Council the parent regarding the nature of clinical problem with good communication skills ▪ Recognise high risk cases for referral ▪ Provide initial life saving measures in emergency ▪ Develop an attitude of sympathetic care for child and his/her parents and understand the importance of nutrition in children ▪ Show an understanding of national programme e.g EPI , IMCI
4.Program Evaluation	For evaluation, we remain in direct contact with Medical Education Department and students.	As per UHS/PMDC rules

ANNEXURE # 1

UHS SYLLABUS: PAEDIATRICS

Course outline is as follows:

List of suggested topics for teaching the undergraduates is given below, however the individual faculties can alter/add topics as per their discretion in respective institution:

- Common problems of children in Pakistan and statistics of Pakistani children
- Clinical methods in paediatrics
- Nutrition (breast feeding, infant feeding, weaning) and nutritional disorders: (PEM, rickets, vitamin A deficiency, iodine deficiency, iron deficiency)
- Growth and development.
- Common pediatric infections: measles, tetanus, polio, diphtheria, whooping cough, AIDS, Malaria, enteric fever, tuberculosis, chicken pox, common skin infections
- Expanded program of immunization (EPI) newer vaccines
- Diarrheal diseases.
- Acute respiratory infections (ARI).
- IMCI (integrated management of childhood illness).
- Neonatology: resuscitation of new born, care of normal new born, birth asphyxia, premature and low birth weight babies, neonatal jaundice, neonatal sepsis, neonatal fits, respiratory distress of new born, common skin conditions of neonates; pyloric stenosis, myelomeningocele, hydrocephalus, common congenital abnormalities and birth trauma.

- Neurology: meningitis, febrile, convulsions, epilepsy, cerebral palsy, mental handicap, cerebral malaria, encephalitis
- Cardiology: congenital heart diseases [VSD, PDA, TOF, ASD], rheumatic fever. Congestive cardiac failure, clinical assessment of a cyanotic neonate/infant.
- Haematology: anaemias, thalassemia, leukemias, bleeding disorders.
- Nephrology: nephrotic syndrome, urinary tract infections, acute glomerulonephritis
- Endocrinology: hypothyroidism, short stature, diabetes
- Pulmonology: croup, asthma, tuberculosis, pneumonias , pleural effusions.
- Gastroenterology: abdominal pain, malabsorption, hepatitis, cirrhosis, acute liver failure
 - Diarrhea[acute/chronic] dysentery, worm infestations, giardia, amoebiasis, rectal polyp.
- Genetics: patterns of inheritance, Down's syndrome,
- Social pediatrics: right of child, child abuse, enuresis, encoparesis, hyperactivity
- Dyslexia, attention deficit disorder
- Miscellaneous: poisoning, prevention of home accidents, behavioral disorders.
- Pediatric surgery: hernia, intussusceptions, intestinal obstruction, talipes, congenital dislocation of hip, vesico ureteral reflux.

Recommended books

1. Text book of Paediatrics by Pervaiz Akbar
2. Essentials of Paediatrics by Nelson. Latest Edition.
3. Online Journals and Reading Materials through HEC Digital Library Facility

ANNEXURE #2

ACADEMIC CALENDAR /SCHEDULE 2023-24

Final YEAR MBBS, RMDC

1. WEEKLY LEARNING ACTIVITIES	Mentioned in attached planner
2. RESPECTIVE FACILITATOR	Mentioned in attached planner
3. TEST SCHEDULE	examination subject, so tests taken.
4. REVISION PLAN	<ul style="list-style-type: none">● Interactive sessions● SGD● Problem based learning● Test discussion /revision tests● How to attempt paper
5. CONCLUSION DATE/ END OF THE ACADEMIC SESSION.	

Academic Calendar Layout for 3rd, 4th & 5th year MBBS, 2023-24

Session Starts of Third, Fourth & Final year: 4 days after the last UHS Professional Examination.

01.	Co-Curricular activities	As per decision of the Academic Council of RMDC.
02.	Spring Vacations	One Week in April
03.	Summer Vacations	One month in June
04.	Send up Exams	As per UHS Examination Schedule
05.	Preparatory Leave	Three weeks Schedule
06.	Annual Examination	As per date sheet announced by UHS.
07.	Winter Vacations	One Week
08.	Supplementary Exams	As per UHS Schedule.
09.	New Sessions	Start after 4 days of Regular Professional exams of UHS.

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Note: Academic calendar activities are set up according to the approval by Academic Council Meetings.

ACADEMIC CALENDER/SCHEDULE 2023-24

FINAL YEAR, MBBS, RMDC.

1. WEEKLY LEARNING ACTIVITES	Mentioned in attached planner
2. RESPECTIVE FACILITATOR	Mentioned in attached planner
3. TEST SCHEDULE	Every 3 rd Friday of the month
4. REVISION PLAN	<u>From</u> Include A. Group discussions B. Interactive sessions C. Problem based learning D. Test discussions/revision test E. How to attempt paper <u>Date of Send-up</u>
5. CONCLUSION DATE/ END OF THE ACADEMIC SESSION	

Final Year MBBS Lecture Planner Paediatrics RMDC

2023-24

S.NO	TOPICS	No. of Lectures	Facilitator	Date given
1	Asthma	2	Prof.M.Ali	24-4-2024 08-05-2024
2	Symptoms and signs of respiratory system disease	1	Prof.M.Ali	17-04-2024
3	Pneumonia	1	Prof.M.Ali	15-05-2024
4	Pleurisy/Pleural Effusion	1	Prof.M.Ali	22-05-2024
5	Upper and Lower Respiratory Tract Obstructive Disorders		Prof.M.Ali	
6	ARF/CRF		Dr. Shazia	
7	Post-streptococcal Glomerulonephritis		Dr. Shazia	
8	A child with proteinurea - MCNS		Dr. Shazia	
9	Urinary Tract Infections		Dr. Abeer	
10	Short Stature		Prof.M.Ali	
11	Diabetes Mellitus	2	Prof.M.Ali	05-06-2024 12-06-2024
12	Diabetic Ketoacidosis		Prof.M.Ali	
13	Hypo and Hyperthyroidism		Prof.M.Ali	
14	CNS Infections		Prof.M.Ali	
15	Cerebral Palsy		Prof.M.Ali	
16	Epilepsy/Seizure Disorders		Prof.M.Ali	
17	Febrile seizures		Prof.M.Ali	
18	Mental Retardation		Prof.M.Ali	
19	Congestive Cardiac Failure		Prof.M.Ali	
20	Congenital Heart Disease/Acyanotic Heart Disease		Prof.M.Ali	
21	Tetralogy of Fallot/Congenital Cyanotic Heart Disease		Prof.M.Ali	
22	Acute Rheumatic Fever		Prof.M.Ali	
23	Bacterial Endocarditis		Prof.M.Ali	
24	Diarrhoeal Diseases and WHO Management Protocol	2	Dr. M. Abbas	18-04-2024 25-04-2024

25	Malabsorption/Chronic Diarrhoea/Coeliac Disease	2	Dr. M. Abbas	02-05-2024 09-05-2024
26	Jaundice/Acute Viral Hepatitis	1	Dr. M. Abbas	16-05-2024
27	Cirrhosis of Liver/ Portal Hypertension		Dr. M. Abbas	
28	Resuscitation of Newborn/ Care of Newborn		Dr. Abeer	
29	Prematurity/IUGR		Dr. Abeer	
30	Neonatal Jaundice		Dr. Shazia	
31	Neonatal Seizures		Dr. Shazia	
32	Neonatal Sepsis		Dr. Shazia	
33	Congenital Malformation/ Birth Defects		Dr. Shazia	
34	Neural Tube Defects/Hydrocephalus		Dr. Shazia	
35	Respiratory Distress in Newborn		Dr. Shazia	
36	Anaemias		Dr. M. Abbas	
37	Thalassaemia		Dr. M. Abbas	
38	Leukaemia	1	Dr. Abeer	06-06-2024
39	Bleeding Disorders	2	Dr. Abeer	23-05-2024 30-05-2024
40	Genetic Patterns of Inheritance/Downs Syndrome		Dr. Shazia	
41	Social/Psychiatric Illnesses		Prof. M. Ali	
42	Paediatrics Surgery		Paediatric Surgery	
43	Miscellaneous (Poisoning/Preventive Home Accidents)		Prof. M. Ali	
44	Revision Lectures (taught in 3 rd & 4 th yr MBBS)			
45	Revision Lectures (Exam Preparations)			

#4b

Clinical Rotation Planner for Final Year, MBBS**RMDC, 2023-24**

DAYS	1st WEEK	2nd WEEK	3rd WEEK
Monday	history taking & GPE	teaching round/CBD	teaching round /CBD
Tuesday	teaching round /case based discussion	clinical examination (respiratory system) CBD	clinical examination (GIT) CBD
Wednesday	history taking & GPE	clinical examination (respiratory system)	clinical examination (GIT) CBD
Thursday	Teaching round and CBD	Teaching round CBD	Teaching round , CBD
Friday	CBD	OSPE	lab data and radiology

DAYS	4th WEEK	5th WEEK	6th WEEK
Monday	teaching round/ CBD	teaching round/CBD	teaching round /CBD
Tuesday	Clinical examination(CVS) case based discussion	clinical examination (CNS) ,CBD	clinical examination(CNS) CBD
Wednesday	clinical examination (CVS) CBD	clinical examination (CNS) ,CBD	clinical examination CBD
Thursday	Teaching round and CBD	Teaching round CBD	revision and students' queries
Friday	MCQs/ SEQs/ OSPE exercise	group discussion	End Ward rotation test

ANNEXURE

#5

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MBBS FINAL PROFESSIONAL EXAMINATION 2007 **PAEDIATRIC MEDICINE**

Table of Specifications

MULTIPLE CHOICE QUESTIONS

Total Marks: 40

Time Allowed: 45 Minutes

No. of MCQs: 40

Note: One best answer to be chosen from 5 options

Sl. No.	Contents	No. of MCQs
1.	Disorders of Blood	4
2.	Heart Diseases	4
3.	Infectious Diseases	5
4.	Neurological Diseases	4
5.	Diseases of Gastrointestinal Tract and Liver	5
6.	Respiratory Tract Diseases	1
7.	Oncological Diseases in Children	1
8.	Renal Disorders	1
9.	Rheumatic Diseases	1
10.	Endocrine Problems	2
11.	Neonatology	5
12.	Immune Diseases	2
13.	Genetics	1
14.	Miscellaneous Diseases	4
Total MCQs		40

MBBS FINAL PROFESSIONAL EXAMINATION 2007
PAEDIATRIC MEDICINE

Table of Specifications

SHORT ESSAY QUESTIONS

Total Marks : 30

Time Allowed: 2 hours and 15 min.

No. of SEQs: 10

03 marks for each question.

Sl. No.	Contents	No. of SEQs
1.	Endocrinology	1
2.	Cardiology	2
3.	Respiratory Diseases (ARI)	1
4.	Gastrointestinal Tract Diseases (AWD)	1
5.	Meningitis	1
6.	Vaccinology – EPI Schedule	1
7.	Oncology	1
8.	Neurology	1
9.	Nephrology	1
Total SEQs		10