

# BHAKTKAVI NARSINH MEHTA UNIVERSITY

## PAEDIATRIC EXAM SYLLABUS

GMERS MC. JUNAGADH

Inward No: 5360....

Date: 06.09.21...

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# PEADIATRICS

## SYLLABUS

### **1. GENERAL : Introduction to Peadiatrics**

- Importance, History of Peadiatrics, Viral Statistics related to child health
- WHO goals for child health by 2000A.D.

### **(1) GROWTH & DEVELOPMENT**

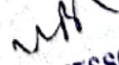
- Factors affecting Assessment in an individual child
- Anthoropometry & interpretation
- Monitoring
- Growth Charts

### **1. NUTRITION:**

- Breast feeding
- Infant feeding including complementary feeding
- Normal nutrition
- Principles of diet planning in health disease
- Assessment of nutritional status
- Diagnosis & management of common nutritional deficiencies in children
- (PEM , Vitamin & Mineral deficiencies & other micronutriant
- Deficiencies including Vit . A,B,C,D,Fe, cal,zn,& Lodine
- Nutrition rehabilitation

### **2. NEWBORNS:**

- Classification – FT,PI,LBW
- Assessment of gestation by modified Ballard score
- Essential care of normal newborn (oxygenation, thermal control feeding.
- Prevention of infection,& diagnosis & immediate care of high risk Newborn and referral)

  
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Diagnosis & primary management of high risk cases like LBW, birth asphyxia (resuscitation), septicemia, RDS, Neonatal seizures, jaundice, Life threatening congenital defects.

### **3. PREVENTIVE & COMMUNITY PEDIATRICS.**

Immunization programs,  
Disease surveillance ( A.F.P.)  
National M.C.H. programs (ICDS/CSSM/RCH etc.)  
Anti- natal pediatrics  
Postpartum care personal hygiene and care  
Prevention of accidents and poisoning.

### **4. COMMON CHILDHOOD INFECTIONS :**

- (a) Diarrhoeal Disease
  - Diagnosis and management of dehydration
  - use of ORS
- (b) Acute Respiratory infections
- (c) Vaccine preventable disease  
( Tuberculosis, Diphtheria, Polio, Tetanus, Measles)
- (d) Other common infections  
( malaria, enteric, hepatitis, pyogenic meningitis, viral encephalitis etc.)
- (e) Exanthemata and viral infections.  
(mumps, chicken – pox, rabies , GBS, dengue, HIV , rubella)
- (f) Parasitic infestations  
( Amoebiasis, round worm, hookworm, tapeworm, giardiasis)

### **5. COMMON PROBLEMS : SYSTEMIC**

- A) CVS
  - Rheumatic fever and cardiac disease
  - Congenital heart defects ( VSD, ASD, PDA, pulmonary stenosis, Fallot's tetralogy) congestive cardiac failure

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**(b) BLOOD AND RELATED :**

Anemia – congenital ( thalassemia, sickle cell)  
Acquired ( Iron deficiency, folic acid, hemorrhages.)  
Haemophilia  
L.T.P.

**(c) RESPIRATORY**

URTI  
Pneumonias bronchial  
Asthma  
Pneumothorax  
Empyema

**(d) CNS**

Mental retardation cerebral palsy  
Hydrocephalus Meningitis - SOL (intracranial lesions) Coma, Convulsions, Epilepsy (in short)

**(e) ABDOMEN Hepatomegaly**

Cirrhosis, Acute and chronic hepatitis  
Splenomegaly Hepatosplenomegaly  
Ascites Jaundice

**(f) GENITO - URINARY**

A.G.N U.T.I.  
Nephrotic Syndrome  
ARF/CRF

**(g) Childhood Malignancies**

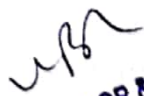
Leukemia  
Lymphoma

**(h) Collagen Disorders**

S.L.E  
J.R.A

**(i) ENDOCRINE**

**(j) Thyroid Diabetes**

  
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## MISCELLANES

Common pediatric surgical problems (Cleft lip, Cleft palate, TEV, hypertrophic pyloric, stenosis, megacolon lumps in abdomen, hydrocephalus) Common Skin - ENT-Ophthalmic Problems in children, Chromosomal anomalies like Down's Syndrome Metabolic problems like Mucopolysaccharidosis

## 6. COMMON PSYCHOLOGICAL AND PSYCHIATRIC PROBLEMS IN CHILDREN CLINICAL CASES TO BE KEPT IN PRACTICAL EXAM

- (a) NEWBORN : Full term healthy with or without some minor problem L.B.W.
- (b) Child with short stature
- (c) Delayed development
- (d) Protein Calorie Malnutrition (Grade-IIT/TV) Marasmus, Kwashiorkor
- (e) Rickets
- (f) Vitamin A deficiencies Obesity
- (h) Severe Anemia
- (i) Child with either Hepatomegaly, Splenomegaly or Hepatosplenomegaly with or without Ascites.
- (j) Rheumatic heart diseases/ Valvular disease
- (k) Anasarca, Nephrotic Syndrome
- (l) Thalassemias
- (m) Haemophilia
- (n) Meningitis

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# Pediatric

## BKNM University Examination Scheme

### Pediatric Theory      Duration 2hr

Q-1	Write notes on	Any two out of three	2 x 5 = 10 Marks
Q-2	Write short notes on	Any three out of four	3 x 4 = 12 Marks
Q-3	Write short notes on	Any four out of five	3 x 4 = 12 Marks
Q-4	Write Answers to the point in two any six out of eight or three sentences		6 x 1 = 6 Marks
<b>Total</b>			<b>40 Marks</b>

### Paper – 1

<u>Theory Paper</u>	40 Marks
<u>Internal Assessment</u>	<u>10 marks</u>
<b>Total</b>	<b>50 Marks</b>

### Practical:

Viva	10 Marks
Clinical Case	30 marks
<u>Internal Assessment</u>	<u>10 marks</u>
<b>Total</b>	<b>50 Marks</b>

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**Division Of Marks In Pairs Of Examiners :**

Pair I	Viva	10 marks
Pair II	Case	20 marks
Pair III	Case	20 marks

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