

April-2001

[KD 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

(Revised Regulations)

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss dietary management of a two year old child weighing 7 kgs with clinical picture of PEM. (25)
 2. Discuss diagnosis and management of an unconscious child. (25)
 3. Write notes on : (5 × 10 = 50)
 - (a) Otitis Media.
 - (b) Talipes Equinus
 - (c) Management of acute severe asthma.
 - (d) Edward Syndrome.
 - (e) Examination of ocular fundus and its value in systemic diseases.
-

November-2001

[KE 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the diagnosis and management of respiratory distress in a 2 year old child. (25)
 2. Management of diabetic ketoacidosis. (25)
 3. Short notes : (5 × 10 = 50)
 - (a) Snake bite.
 - (b) Feeding problems in 1st year of life.
 - (c) Management of refractory CCF.
 - (d) P.C.R.
 - (e) Hepatic Encephalopathy.
-

[KG 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours, - Maximum : 100 marks

Answer ALL questions.

1. A two year old child presenting with pallor, splenohepatomegaly and failure to thrive — Discuss the clinical and management approach. (25)
 2. A seven year old boy with progressive weight gain, worsening school performance and constipation. Discuss the clinical approach and management. (25)
 3. Write notes on : (5 × 10 = 50)
 - (a) Dyslexia.
 - (b) Acrodermatitis enteropathica.
 - (c) Genetic counselling in Down's syndrome.
 - (d) Macrosomia.
 - (e) Nitric oxide.
-

September-2002

[KH 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe febrile convulsions and its management.
(25)
 2. Describe the etiopathogenesis of bronchial asthma and its management
(25)
 3. Write notes on : (5 × 10 = 50)
 - (a) Nutrition recovery syndrome
 - (b) Neuro cysticercosis
 - (c) Oral rehydration solution
 - (d) Scurvy
 - (e) Recurrent abdominal pain.
-

[KI 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify protein energy malnutrition. Describe the clinical features and management of marasmus. (25)
 2. What are the special problems of adolescence and describe the measures for their management? (25)
 3. Write notes on : (5 × 10 = 50)
 - (a) Zinc deficiency
 - (b) Vit. A deficiency
 - (c) Cerebral malaria
 - (d) Lactose intolerance
 - (e) Hyperkalaemia.
-

[KJ 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time: Three hours

Maximum : 100 marks

Theory : Two hours and forty minutes

Theory : 80 marks

M.C.Q. Twenty minutes

M.C.Q. : 20 marks

MCQ must be answered **SEPARATELY** on the Answer Sheet provided as per the instructions on the first page.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

$$(2 \times 15 = 30)$$

1. Define Shock? Describe the pathophysiology, etiology and management of Peripheral Circulatory Failure.
2. Discuss the causes and management of Repeated Lower Respiratory Tract Infection in a 2 years old Child.

3. Write briefly on : (10 × 5 = 50)

- (a) Case Definition of Dengue Fever and Dengue Haemorrhagic Fever.
- (b) Management of Ascities in Chronic Liver Disease.
- (c) Validity of Widal Test in Clinical Practice.
- (d) Immunisation of a Child in Special Circumstances.
- (e) Etiology and Management of Hyponatremia.
- (f) Management of Cerebral Malaria.
- (g) Discuss briefly the Approach to Inborn Error of Metabolism.
- (h) Treatment modalities of Paediatric HIV Infection.
- (i) Lactation Failure.
- (j) Lead Poisoning.

[KL 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty Theory : 80 marks
minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Discuss the clinical approach and management of failure to thrive in a one year old child.

(2) Discuss the etiology, investigations and management of a 5 year old child with hypertension.

II. Write short notes on : (10 × 5 = 50)

(a) Prevention of Type I Diabetes Mellitus.

(b) 4th generation Cephalosporins.

(c) Management of severe persistent Bronchial Asthma.

(d) Super ORS.

(e) Bone marrow transplantation.

(f) Short course chemotherapy in tuberculosis.

(g) Resistant cardiac failure.

(h) Arthrogryposis multiplex congenita.

(i) 17-hydroxylase deficiency.

(j) Near drowning.

[KM 137]

Sub. Code : 2034

II. Write short notes :

(10 × 5 = 50)

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper I — CLINICAL PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

(1) Define short stature. Discuss the clinical approach to diagnosis in a girl with short stature.

(2) Discuss the differential diagnosis of chronic wheeze in a 5 yr old child. Briefly outline the management of Acute severe asthma.

- (a) Pitryiasis alba.
- (b) Blounts disease.
- (c) Management of hyperkalemia.
- (d) Newer anti malarial drugs.
- (e) Chemoprophylaxis.
- (f) White reflex.
- (g) Diagnostic BCG test.
- (h) Nitric oxide therapy.
- (i) Management of endotoxic shock.
- (j) Pulmonary function tests.

[KO 137]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

CLINICAL PAEDIATRICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes **M.C.Q. : 20 marks**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 x 15 = 30)

1. Draw a diagram of portal circulations, definition, classification, etiology, clinical features and management of portal hypertension.

2. Dengue fever – epidemiology, etiology, classification, clinical features, stages and its management.

II. Short notes on : (10 × 5 = 50)

(a) **Histiocytosis X**

(b) Salicylate poisoning.

(c) Late effects of irradiation.

(d) Congenital labor emphysema.

(e) Age independent anthropometric indices to assess PEM.

(f) Roentgenographic changes in MPS.

(g) Metabolic acidosis.

(h) Pseudo seizures.

(i) Renal osteo dystrophy.

(j) Phenyl Ketonuria.

Sub. Code : 2034

(Revised Regulations)

Part II

Time : Three hours	Maximum : 100 marks
Theory : Two hours and forty minutes	Theory : 80 marks
M.C.Q. : Twenty minutes	M.C.Q. : 20 marks

Draw suitable diagrams wherever necessary.

I. Essay :

(1) A 6 year old boy has wheezing everyday. He has presented to the casualty in respiratory distress unresponsive to his standard medication. Discuss the acute and long term management of such patients. (20)

(2) A Para 4 mother with no living children has brought her 2 day old infant to you with complaints of lethargy, vomiting and convulsions. Discuss your clinical and investigative approach in managing this patient. (15)

(3) Define obesity. Discuss the etiology clinical manifestations and complications and management of obesity in a child. (15)

II. Short notes : (6 × 5 = 30)

- (a) PERINATAL HIV
- (b) Galactosemia
- (c) Craniosynostosis
- (d) Developmental Dysplasia of the Hip.
- (e) Management of Constipation in a 1 year old child
- (f) Intravenous immunoglobulin in paediatrics.

[KQ 128]

Sub. Code : 2034

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

CLINICAL PAEDIATRICS

Common to :

Part II — Paper I — (Old/New/Revised Regulations)

(Candidates admitted from 1988-89 onwards)

and

Paper II — (For candidates admitted from 2004-2005 onwards)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

1. A 15 days old child weighing 1800 gms brought with Breathlessness on feeding, failure to thrive, precordial pulsations and hepatomegaly. What are the differential diagnosis, work up and its management? (20)

2. $1\frac{1}{2}$ year old male child with sudden onset of high grade temperature of one day duration, irritable, with right sided tonic and clonic convulsions. What is the differential diagnosis, investigations and its management? (15)

3. Define short stature. Discuss proportionate Dwarf. What are the recent trends in management? (15)

II. Short notes. (6 × 5 = 30)

- (a) Screening of inborn errors of metabolism in New born.
- (b) X ray findings in Active Nutritional Rickets.
- (c) Cherry Red spot.
- (d) Neonatal Enterocolitis.
- (e) Newer macrolides.
- (f) Adolescent problems in girls.

[KR 132]

Sub. Code : 2028

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

CLINICAL PAEDIATRICS

Common to :

Part II — Paper I — (Old/New/Revised Regulations)

(Candidates admitted from 1988–89 onwards)

and

**Paper II — (For candidates admitted from 2004–2005
onwards)**

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable Diagrams wherever necessary.

I. Essay :

**1. Describe Etiology, Pathogenesis, Clinical features,
WHO Diagnostic Criteria and management of Dengue
haemorrhagic fever. (20)**

**2. Describe criteria for classification of Juvenile
Rheumatoid Arthritis Briefly Discuss Investigation and
management of JRA. (15)**

**3. How to Approach to a child of 5 years old
presented to the out patient department with a
suspected Immune deficiency Disorder. (15)**

II. Write Short notes : (6 × 5 = 30)

- (a) Phenyl Ketonuria. (PKU)**
- (b) SCURVY.**
- (c) Pneumococcal Vaccine.**
- (d) Congenital Malaria.**
- (e) Ichthyosis Vulgaris.**
- (f) Osteogenesis Imperfecta.**

MARCH 2008

[KS 131]

Sub. Code : 2027

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

CLINICAL PAEDIATRICS

Common to :

Part II — Paper I — (Old/New/Revised Regulations)

(Candidates admitted upto 2003–04)

and

Paper II — (For candidates admitted from 2004–2005 onwards)

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Essay:

(2 × 20 = 40)

1. Discuss the etiopathogenesis and approach to the diagnosis of hypertension in childhood.
2. A two year old child has a sudden choking spell while eating and presented to you with severe paroxysms of cough. Discuss the clinical manifestations, diagnosis, complications and management.

Write short notes :

(10 × 6 = 60)

1. Indications for radio nuclear imaging in children.
 2. Infantile eczema.
 3. Precocious puberty.
 4. Management of status asthmaticus.
 5. Diagnosis and management of Hypernatremic dehydration.
 6. Clinical and immunological staging of paediatric HIV.
 7. Multi drug resistant Typhoid fever.
 8. Acute flaccid paralysis.
 9. Complications of steroid therapy.
 10. Attention Deficit Hyperactive Disease.
-

September 2008

[KT 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

Branch VII – Paediatrics

CLINICAL PAEDIATRICS

**Part II – Paper I (for candidates admitted upto 2003-2004) and
Paper II (for candidates admitted from 2004-2005 onwards)**

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. What are the causes of ascites in children? Write clinical features, investigations and management of a child with extrahepatic portal hypertension.
2. Classify haemolytic anaemias. What are the investigations and recent trend in management of thalassemia.

II. Write short notes on :

(10 X 6 = 60)

1. Recurrent Haematuria.
 2. Malabsorption syndrome.
 3. Spastic cerebral palsy.
 4. Wilm's tumor.
 5. Acute flaccid paralysis.
 6. Burton's disease.
 7. Cerebral malaria.
 8. Intractable congestive heart failure.
 9. Opportunistic infections.
 10. Micro-nutrients.
-

March 2009

[KU 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

Branch VII – PAEDIATRICS

**Part II – Paper I (for candidates admitted upto 2003-2004) and
Paper II (for candidates admitted from 2004-2005 to 2007-2008)**

CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : (2 x 20 = 40)

Discuss the etiology, investigations, diagnosis and the management of the following two clinical cases:

1. A prepubertal girl brought with the history of involuntary movements and on auscultation of CVS grade 4/6 pansystolic murmur was heard.
2. A 3 year old child with loose stool, blood and mucus of 2 days duration, convulsions and altered consciousness of 1 day duration. Child has not passed urine for past 12 hours.

II. Write short notes on : (10 x 6 = 60)

Discuss the following cases:

1. 3 years old child with nocturnal cough of 1 month duration.
2. 5 years old child with swelling in small joints.
3. 3 years old child with generalized edema.
4. 2 days old neonate with convulsions.
5. 6 years old child with history of petechiae all over the body for 5 days.
6. 9 years old child with short stature.
7. 4 years old child with altered sensorium and convulsions for one day.
8. Evaluation and management of an infant who developed jaundice within 24 hours of delivery.
9. 10 years old child with history of bed wetting in nights.
10. 5 years old child with history of hematuria for 2 days.

September 2009

[KV 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

Branch VII – PAEDIATRICS

**Part II – Paper I (for candidates admitted upto 2003-2004) and
Paper II (for candidates admitted from 2004-2005 to 2007-2008)**

CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Discuss the differential diagnosis and management of acute onset of fever and rash in a 5 year old child.
2. Describe adolescent friendly health services. Discuss on adolescent nutrition.

II. Write short notes on :

(10 x 6 = 60)

1. Amylase rich foods.
2. Autism.
3. Chikungunya fever.
4. Community acquired pneumonia.
5. Gastroesophageal reflux.
6. Fulminant hepatic failure.
7. Intractable congestive cardiac failure.
8. Precocious puberty.
9. Sickle cell crisis.
10. Management of visceral leishmaniasis.

March 2010

[KW 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

Branch VII – PAEDIATRICS

**Paper II – (for candidates admitted from 2004-2005 to 2007-2008) and
Part II – Paper I (for candidates admitted from 2008-2009 onwards)**

CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions :

(2 x 20 = 40)

1. Discuss the clinical and diagnostic approach to a 8 yrs. old child coming with recent onset of recurrent attacks of partial seizures on left side of body.
2. Discuss etiology, pathogenesis, investigations and management of a case of 'Refractory Anaemia' in a five years old child.

II. Write short notes on :

(10 x 6 = 60)

1. Dental problems associated with selected medical conditions.
2. Differential diagnosis of infant botulism.
3. Criteria for acute respiratory distress syndromes.
4. Management of mucopolysaccharidosis.
5. Chediak higashi syndrome.
6. Therapeutic pyramid of juvenile rheumatoid arthritis.
7. Differential diagnosis of enterovirus infections.
8. Congenital hypertrophic pyloric stenosis.
9. Causes of recurrent or persistent stridor in children.
10. Conditions associated with chronic hypertension in children.

September 2010

[KX 131]

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
Branch VII – PAEDIATRICS
CLINICAL PAEDIATRICS**

**Paper II (for candidates admitted from 2004-2005 to 2007-2008) and
Part II – Paper I (for candidates admitted from 2008-2009 onwards)**

Q.P. Code : 202027

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. How does persistent diarrhoea differ from chronic diarrhoea? List the common causes of chronic diarrhea in Indian settings. Discuss the diagnostic and therapeutic approach to a 5 year old child with chronic diarrhoea since infancy.
2. Enumerate essential (diagnostic) and non-essential (variable) features of kwashiorkor and nutritional marasmus. Describe current recommendations for management of acute severe malnutrition.

II. Write short notes on :

(10 X 6 = 60)

1. Non-nutritive suckling.
2. Grading and importance of consanguinity.
3. Special features of fluid therapy in malnutrition, acute renal failure, congestive cardiac failure (CCF) and Intestinal obstruction.
4. Tropical eosinophilia.
5. Etiology of secondary nephrotic syndrome.
6. Drug treatment (with doses) of symptomatic giardiasis.
7. Acute exacerbation of asthma.
8. Community acquired pneumonia.
9. Various classification of Ventricular Septal Defect (VSD).
10. Sequelae of tuberculous meningitis.

MAY 2011

[KY 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

CLINICAL PAEDIATRICS

Q.P. Code : 202027

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages (Max.)	Time (Max.)	Marks (Max.)
-------------------------	------------------------	-------------------------

- | | | | |
|--|----|----|----|
| 1. Classification of severity of asthma triggers and differential diagnosis of childhood asthma. Management of acute exacerbation in Emergency room. | 11 | 35 | 15 |
| 2. Etiology, complications and management of childhood obesity. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. Acute liver failure. | 4 | 10 | 7 |
| 2. Failure to Thrive. | 4 | 10 | 7 |
| 3. Pulmonary edema. | 4 | 10 | 7 |
| 4. Ventilatory therapy for ARDS (Acute Respiratory Distress Syndrome). | 4 | 10 | 7 |
| 5. Management of hypertension. | 4 | 10 | 7 |
| 6. Pediatric obstructive sleep – apnoea. | 4 | 10 | 7 |
| 7. Myocarditis. | 4 | 10 | 7 |
| 8. Acute stridor. | 4 | 10 | 7 |
| 9. Epistaxis. | 4 | 10 | 7 |
| 10. Cutaneous manifestation of systemic disease. | 4 | 10 | 7 |

October 2011

[KZ 131]

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

CLINICAL PAEDIATRICS

Q.P. Code : 202027

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. 11 year old male referred for hypertension and head ache - Discuss the clinical and diagnostic approach.	11	35	15
2. 8 year old boy brought to emergency with cold peripheries, pallor, rashes and history of fever for last five days. Discuss the management.	11	35	15

II. Write notes on :

1. Physiological anaemia of infancy.	4	10	7
2. Stridor.	4	10	7
3. Patent ductus arteriosus.	4	10	7
4. Idiopathic thrombocytopenia.	4	10	7
5. Growth charts.	4	10	7
6. Lactose intolerance.	4	10	7
7. Pertusis.	4	10	7
8. Acute Flaccid Paralysis.	4	10	7
9. Hepatitis E.	4	10	7
10. Inflammatory Bowel Disease.	4	10	7

[LA 131]

April 2012

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

CLINICAL PAEDIATRICS

Q.P. Code : 202027

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the clinical picture, investigations and management of Diabetic Keto Acidosis in children.	16	35	15
2. Write an essay on the aetiology, investigations and management of a 6 year old child with recurrent seizures.	16	35	15

II. Write notes on :

1. Principles used in the introduction of complementary feeding.	4	10	7
2. Diagnosis of Haemophagocytic syndrome.	4	10	7
3. Management of scorpion sting.	4	10	7
4. Evaluation of microscopic Hematuria.	4	10	7
5. Acute Laryngo Tracheobronchitis.	4	10	7
6. Post exposure prophylaxis in dog bite- class III wound.	4	10	7
7. Treatment of Multi Drug Resistant typhoid fever.	4	10	7
8. Prophylaxis of Infective endocarditis.	4	10	7
9. Recurrent urinary tract infections - Investigations.	4	10	7
10. Congenital cataract.	4	10	7

[LB 131]

OCTOBER 2012
M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
CLINICAL PAEDIATRICS
Q.P. Code : 202027

Sub. Code: 2027

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss in detail, the diagnosis approach, and management of a five year old child with fever, thrombocytopenia and malena.	16	35	15
2. Describe the clinical picture, investigations and treatment of a child with hypothyroidism.	16	35	15

II. Write notes on :

1. West Syndrome.	4	10	7
2. Management of Cerebral Malaria.	4	10	7
3. Role of Zinc in Paediatrics.	4	10	7
4. Alport's Nephritis.	4	10	7
5. Drug treatment of Attention Defect Hyperactivity Disorders (ADHD).	4	10	7
6. Acute Pancreatitis - Diagnosis and management.	4	10	7
7. Microcephaly.	4	10	7
8. Lab Diagnosis of Japanese encephalitis.	4	10	7
9. Pneumocystis jiroveci pneumonia.	4	10	7
10. Management of acute stridor in a 3 year old child.	4	10	7

(LC 131)

APRIL 2013

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Dengue fever – epidemiology, etiology, classification, clinical features, stages and its management.
2. A 6 year old boy has wheezing every day. He was presented to the casualty in respiratory distress, unresponsive to standard medication. Discuss the acute and long term management of such patients.

II. Write notes on:

(10X7=70)

1. Management of acute Stridor in a 3 year old child.
2. Craniosynostosis.
3. Intra-venous Immunoglobulin in children.
4. Management of Hyperkalemia
5. Adolescent problems in girls.
6. X-ray findings in active Nutritional Rickets.
7. Pneumococcal vaccine.
8. Multi-drug resistant Typhoid fever.
9. Acute Flaccid Paralysis.
10. Recurrent hematuria.

[LD 131]

OCTOBER 2013

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Define Shock. Describe the Pathophysiology and etiology of different types of shock and discuss its management.
2. Evaluation and Management of a 2 year old child with Rash.

II. Write notes on:

(10 x 7 = 70)

1. Infantile Hemiplegia
2. Video EEG
3. Atopic Dermatitis
4. Eye manifestations of Systemic disorders
5. Urea Cycle Disorders
6. Total Parenteral Nutrition
7. Diet in Hepatic Disorders
8. Ventilator Associated Pneumonia
9. Identification and Management of Non-convulsive Status
10. Aplastic Anemia

(LE 131)

APRIL 2014

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII - PAEDIATRICS
CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. 2 year old child brought to the casualty in comatose stage. Discuss the approach, differential diagnosis, investigations and management.
2. 8 year old girl referred to your hospital for the management of short stature. Discuss in detail differential diagnosis, investigation and management.

II. Write notes on:

(10X7=70)

1. Management of cough.
2. Diagnosis of Kawasaki disease.
3. Genetic counselling.
4. Prevention of mental retardation.
5. Importance of examination of throat in children.
6. Prevention of Diarrhoeal diseases.
7. Immunization schedule by Indian Academy of Pediatrics.
8. Non vegetarian diet vs Vegetarian diet for children.
9. Micro nutrient in health and disease.
10. Macrocytic anaemia.

(LF 131)

OCTOBER 2014

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII - PAEDIATRICS
PAPER II - CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the normal hemostasis. Discuss the mechanism and management of a case of classical haemophilia.
2. Give an account of puberty and its disorders.

II. Write notes on:

(10 x 7 = 70)

1. Role of macrolides in childhood infections.
2. Acute scrotum.
3. Recurrent abdominal pain.
4. Causes and management of refractory congestive heart failure in a 2 year old boy.
5. Diagnosis and management of congenital hypothyroidism.
6. Management of enteric fever.
7. MDR and XDR tuberculosis.
8. Hepatitis C infection.
9. Vitamin D in disease and health.
10. Newer vaccines.

[LG 131]

APRIL 2015

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

PAPER II – CLINICAL PAEDIATRICS

Q.P. Code : 202027

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the etiopathogenesis pathophysiology, clinical features, complications and management of pyogenic meningitis.
2. What are the special problems of adolescence and describe the measures for their management.

II. Write notes on:

(10 x 7 = 70)

1. Zinc in disease and health.
2. Cataract in paediatric practice.
3. Bone Marrow transplants in paediatric practice.
4. Neurocysticercosis.
5. Combined immunodeficiency disorders.
6. Reye's syndrome.
7. Acute flaccid paralysis.
8. Anaphylactic shock.
9. Differential diagnosis of vesiculobullous eruptions in an infant.
10. Childhood intussusception.

[LH 131]

OCTOBER 2015

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code : 202027

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the causes and management of recurrent lower respiratory tract infections in a 2 year old child.
2. Discuss the etiology and management of a 2 year old child weighing 7 kg with pedal edema and obvious wasting.

II. Write notes on:

(10 x 7 = 70)

1. Physiological anaemia of infancy.
2. Idiopathic thrombocytopenic purpura.
3. Acute flaccid paralysis.
4. Myocarditis.
5. Acute stridor.
6. Failure to thrive.
7. Community acquired pneumonia.
8. Management of Rheumatoid arthritis.
9. Chediak Higashi syndrome.
10. Fulminant hepatic failure.

(LI 131)

APRIL 2016

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss rheumatic diseases in children. Discuss the clinical features and management of Juvenile Rheumatoid Arthritis.
2. A five year old female child with H/o fever of 5 days duration is brought with skin and mucosal bleed and found to have decompensated shock. Discuss the approach to evaluation, management and prevention of the condition.

II. Write notes on:

(10 x 7 = 70)

1. Vitamin A in disease and health.
2. Recurrent abdominal pain in children.
3. Congenital talipes equino varus.
4. Low osmolar ORS.
5. Periodic Hypokalemic paralysis.
6. Management of Acute foreign body aspiration.
7. Management of refractory cardiac failure.
8. Nutritional recovery syndrome.
9. Bone marrow transplant in children.
10. Chemoprophylaxis.

(LJ 131)

OCTOBER 2016

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the differential Diagnosis and treatment of Resistant Rickets. Add a note on metabolism of Vit. D.
2. Define shock. Describe the pathophysiology and etiology of different types of shock and management of cardiogenic shock.

II. Write notes on:

(10 x 7 = 70)

1. Phagocytic dysfunction.
2. Hypervitaminosis A.
3. Nutritional Recovery Syndrome.
4. Paroxysmal Atrial tachycardia.
5. Management of status asthmatus.
6. Community acquired pneumonia
7. Lymphoblastic lymphoma.
8. Gaucher's disease
9. Adverse events following Immunisation (AEFI).
10. MR Angiogram.

(LK 131)

MAY 2017

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the etiology, pathogenesis, clinical features and management of H1N1 infection in a 10 year old girl child weighing 30 kg. Add a note on prevention.
2. Define chronic and persistent diarrhoea. Discuss the etiology, clinical features and management of chronic diarrhoea.

II. Write notes on:

(10 x 7 = 70)

1. Chronic constipation in children – its management.
2. Ambiguous genetalia in a neonate – an approach to decision on sex of the child.
3. Genu valgum.
4. Super ORS.
5. MELAS (Mitochondrial Encephalomyopathy Lactic Acidosis Stroke).
6. Indradhanush Programme.
7. Diabetic Keto Acidosis.
8. Constitutional pancytopenias.
9. Posterior urethral valve.
10. Proximal renal tubular acidosis.

(LL 131)

OCTOBER 2017

Sub. Code:2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A six months old child is brought with fever, vomiting, diarrhea for 3 days and convulsions today. What are the likely causes of convulsions? How will you manage the possible electrolyte imbalances?
2. Discuss the causes of pleural effusion in a child of school going age. How will you investigate and manage?

II. Write notes on:

(10 x 7 = 70)

1. Imaging studies in a child with urinary tract infection.
2. Thyroiditis.
3. Chediak-Higashi syndrome.
4. Influenza vaccines.
5. Splenectomy.
6. Innocent murmurs.
7. Scrub typhus.
8. Congenital pulmonary airway malformation. (CPAM)
9. Autoimmune encephalitis.
10. Dermatoglyphics in Down's syndrome.

[LM 131]

MAY 2018

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P.Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the long term management of a child diagnosed recently with Type-I diabetes.
2. Discuss the different types of cardiomyopathies.

II. Write notes on: **(10 x 7 = 70)**

1. WHO classification of malnutrition. Differences between marasmus and kwashiorkor.
2. Acute primary peritonitis.
3. Radiological features in rickets and scurvy.
4. Restless legs syndrome.
5. Cryptorchidism.
6. Oral iron chelators.
7. Inhalational devices used in asthma.
8. HPV vaccine.
9. Hypernatremic dehydration.
10. Endemic cretinism.

[LN 131]

OCTOBER 2018

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. 4yr old child brought with status epilepticus. Discuss the approach, differential diagnosis, investigation and management.
2. 6yrs old female child brought to the hospital with history of recurrent respiratory tract infection. Discuss the differential diagnosis, investigation and management of the patient.

II. Write notes on:

(10 x 7 = 70)

1. Myocarditis.
2. Diagnosis of Wilson's disease.
3. Approach to incessant cry of 2 month old child.
4. Total parenteral nutrition.
5. Approach to persistent diarrhoea.
6. Causes of Anaemia in 6yr old child.
7. Importance of Zinc in children.
8. Prevention of Rabies.
9. Genetic Counselling
10. Approach to hemoptysis in 5yr old boy.

[LO 131]

MAY 2019

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the Etiology, Pathophysiology, Clinical Features, Complication and Management of Pyogenic Meningitis.
2. Discuss the clinical approach and management of failure to Thrive in a 18 month old child.

II. Write notes on:

(10 x 7 = 70)

1. Congenital Dislocation of Hip.
2. Iron Chelators.
3. Management of Hyperkalaemia.
4. Acrodermatitis Enteropathica.
5. Anaphylaxis.
6. Ventilator Therapy for ARDS.
7. Japanese Encephalitis Vaccine.
8. Nocturnal Enuresis.
9. Growth Charts.
10. Autoimmune Haemolytic Anaemia.

M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the problems of Adolescence.
2. A 4 year old boy of weight 10 Kg and height 100 cm got admitted with acute watery diarrhea with severe dehydration. Give the detailed management plan for this boy.

II. Write notes on:

(10 x 7 = 70)

1. Acute exacerbation of asthma.
2. Adverse events following immunization.
3. Duct dependent congenital heart disease.
4. Sexual Maturity Rating.
5. Anorexia Nervosa.
6. Role of micronutrients in childhood survival.
7. Metabolic Syndrome.
8. Non Accidental Injury.
9. Discuss - 4 year old child with altered sensorium and convulsions for one day.
10. Management of 5 year old child with history of hematuria for 2 days.

[LQ 131]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 2027

M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS
Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Discuss the etiology, pathophysiology, clinical features and management of Asthma in Children.
2. Discuss the clinical approach and management of snake bite in Children.

II. Write notes on: (10 x 7 = 70)

1. Severe Dengue.
2. Parent to Child Transmission of HIV.
3. Vesicoureteric Reflux.
4. Acute Disseminated Encephalomyelitis.
5. Submersion injury.
6. Complications in Severe acute malnutrition.
7. Sexual abuse in children.
8. Rapid sequence intubation.
9. Microdeletion Syndromes.
10. Management of pain in Children.

[LS 131]

NOVEMBER 2020
(OCTOBER 2020 SESSION)
M.D. DEGREE EXAMINATION

Sub. Code: 2027

BRANCH VII – PAEDIATRICS

PAPER II – CLINICAL PAEDIATRICS

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Management of bronchial asthma.
2. Clinical features, investigations and management of Kawasaki disease.

II. Write notes on:

(10 x 7 = 70)

1. Collapsing pulse
2. Plantar reflex
3. Pseudoparalysis
4. CSF shunt infections
5. Hand Foot Mouth disease
6. Strategies for prevention of antimicrobial resistance
7. Large anterior fontanelle
8. Diphtheria – clinical features and complications
9. Re-feeding syndrome
10. Dental caries

[MD 0721]

JULY 2021
(MAY 2021 SESSION)
M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS
Q.P. Code: 202027

Sub. Code: 2027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. How will you evaluate a nine months old child with anemia. Discuss in detail treatment of iron deficiency anemia.
2. How will you evaluate a one year old child getting admitted for third time with pneumonia.

II. Write notes on:

(10 x 7 = 70)

1. Differential diagnosis for measles.
2. Continuous murmur.
3. Cyclical vomiting.
4. Parvovirus infection.
5. Strategies for prevention of antimicrobial resistance.
6. Neuro-cutaneous syndromes.
7. Coarse facies.
8. Fundus examinations.
9. Hearing assessment.
10. Biotinidase deficiency.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MD 1121]

**NOVEMBER 2021
(OCTOBER 2021 SESSION)**

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. The causes, pathophysiology, manifestations and management of ARDS in children.
2. Enumerate the causes of thrombocytopenia. Write in detail the diagnosis and Management of ITP?

II. Write notes on: (10 x 7 = 70)

1. Croup.
2. Megaloblastic anemia.
3. Indications for splenectomy.
4. Dilated cardio myopathy.
5. Principle clinical criteria and treatment of Kawasaki's disease.
6. Hand foot and mouth disease.
7. Membranous tonsillitis.
8. Hirschsprung's disease.
9. Anti coagulant therapy.
10. Status epilepticus.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0522]

MAY 2022

Sub. Code: 2027

M.D. DEGREE EXAMINATION

BRANCH VII – PAEDIATRICS

PAPER II – CLINICAL PAEDIATRICS

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Classify pneumonias and write in detail the causes, diagnosis and management of Community acquired pneumonias?
2. Discuss the causes, manifestations, differential diagnosis, and management of Myocarditis?

II. Write notes on:

(10 x 7 = 70)

1. Giardiasis.
2. After load reducing agents in the management of heart failure.
3. Fanconi's anemia.
4. Hemophilia C.
5. Cryptorchidism.
6. Pleural effusion in childhood tuberculosis.
7. Craniosynostosis.
8. Biliary atresia.
9. Club foot.
10. Anticoagulant therapy.

THE TAMIL NADU DR.M.G.R MEDICAL UNIVERSITY

[MD 1022]

OCTOBER 2022

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the clinical approach and management of failure to thrive in a 18 months old child.
2. Discuss the clinical approach and management of snake bite in children.

II. Write notes on:

(10 x 7 = 70)

1. Community acquired Pneumonia.
2. Refractory anemia.
3. Sexual abuse in children.
4. Neuro cysticercosis.
5. Refractory Congestive Cardiac Failure.
6. Cherry red spot.
7. Recurrent hematuria.
8. Status Asthmaticus.
9. Cerebral malaria management.
10. Cranio synostosis.

THE TAMIL NADU DR.M.G.R MEDICAL UNIVERSITY

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. A 10 month – old infant presents with fever, irritability, refusal of feeds and lethargy. He is drowsy and has a bulging anterior fontanelle. Discuss the differential diagnosis and management of this infant.
2. Differences between Supra Ventricular Tachycardia (SVT) and Ventricular Tachycardia (VT). How will you manage each of these conditions in a Pediatric patient?

II. Write notes on: (10 x 7 = 70)

1. Measles Rubella Vaccine.
2. Acquired Hypothyroidism in Childhood.
3. Genetic counseling.
4. Uses of Zinc in Children. Mechanism of action in ADHD.
5. Clinical features and management of Rheumatic chorea.
6. Henoch-Schonlein Purpura.
7. Grading and management of Vesicoureteral reflux. Antibiotic prophylaxis of Urinary Tract Infection.
8. Gastroesophageal Reflux disease.
9. Kerosene poisoning.
10. Approach to a child with recurrent skin and mucosal bleeds.

THE TAMIL NADU DR.M.G.R MEDICAL UNIVERSITY

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2027

**M.D. DEGREE EXAMINATION
BRANCH VII – PAEDIATRICS
PAPER II – CLINICAL PAEDIATRICS**

Q.P. Code: 202027

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Approach to a 12 year Male Child with Acute Stroke.
2. Scorpion sting management in a 2 year old Child.

II. Write notes on:

(10 x 7 = 70)

1. Prophylaxis therapy in Hemophilia A.
2. Management of Anaphylaxis following vaccination in the outreach area.
3. Vitamin D Resistant Rickets.
4. Chronic suppurative otitis media.
5. Management of Drowning in Emergency Room.
6. Pediatric Trauma Score.
7. Scrub Typhus.
8. Management of Steroid Resistant Nephrotic Syndrome.
9. Recurrent febrile convulsions.
10. Supraventricular tachycardia.
