

[LK 557]

FEBRUARY 2017

Sub. Code : 5087

**THIRD YEAR M.B.B.S. DEGREE EXAMINATION
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Discuss etiology, clinical features and management of pneumonia in children.

II. Write notes on: **(5 x 4 = 20)**

1. Newborn resuscitation algorithm.
2. Posterior urethral valve.
3. Febrile convulsion.
4. Bone marrow aspiration.
5. Scorpion sting.

III. Short answers on: **(5 x 2 = 10)**

1. Weight gaining pattern of newborn baby.
2. Anterior fontanelle.
3. Pulse and blood pressure in coarctation of aorta.
4. What does ABCDE stand for in assessing a sick child?
5. Management of severe dehydration in a 6 months old child.

[LL 557]

AUGUST 2017

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Discuss in detail about clinical features, laboratory findings, complications and management of Nephrotic syndrome in children.

II. Write notes on: **(5 x 4 = 20)**

1. Developmental mile stones in one year old child.
2. Cyanosis.
3. Laboratory diagnosis of enteric fever.
4. Portal hypertension in children.
5. Infantile hypertrophic pyloric stenosis.

III. Short answers on: **(5 x 2 = 10)**

1. X-ray findings in Rickets.
2. Nutrition recovery syndrome.
3. Physiological jaundice.
4. Oral polio vaccine.
5. Acute respiratory tract infection control programme.

[LM 557]

FEBRUARY 2018

Sub Code: 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Define acute rheumatic fever. Discuss in detail about aetiology, clinical features, investigations, complications and management of acute rheumatic fever.

II. Write notes on: **(5 x 4 = 20)**

1. Breath holding spells.
2. Severe acute malnutrition.
3. Influenza vaccine.
4. Wilson disease.
5. Persistent pulmonary hypertension.

III. Short answers on: **(5 x 2 = 10)**

1. Management of scorpion sting.
2. Hyperoxia test.
3. Clinical features of DKA.
4. Intense phototherapy.
5. Types of tracheoesophageal fistula.

[LN 557]

AUGUST 2018

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Classify dengue based on clinical presentation. Discuss in detail about aetiology, transmission, pathogenesis, clinical features, investigations and management of dengue hemorrhagic fever.

II. Write notes on: **(5 x 4 = 20)**

1. Accidental kerosene ingestion and management.
2. Care of low birth weight neonates.
3. Neurocutaneous markers.
4. Infective endocarditis – prophylaxis and management.
5. Cold chain.

III. Short answers on: **(5 x 2 = 10)**

1. Pneumococcal vaccine.
2. Treatment of Vitamin A deficiency.
3. Zika virus.
4. Necrotising enterocolitis.
5. Two examples of X-linked recessive disorders.

[LO 557]

FEBRUARY 2019

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 4 + 4 = 10)

1. 10 month old male child – growth plotted on the WHO growth chart shows less than 3rd percentile. How will you classify and manage this child? What are the common complications expected?

II. Write notes on:

(5 x 4 = 20)

1. Recurrent pneumonia.
2. Hemorrhagic disease of newborn.
3. Cyanotic spell.
4. Adolescent health program in India.
5. Pentavalent vaccine.

III. Short answers on:

(5 x 2 = 10)

1. Amoebiasis treatment.
2. Hypervitaminosis A.
3. Genetic counseling.
4. Hospital acquired infections.
5. Early markers of cerebral palsy.

[LP 557]

AUGUST 2019

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 3 + 5 = 10)

1. Discuss about the classification of hemolytic anemias and their aetiopathogenesis. Discuss in detail about beta thalassemias.

II. Write notes on:

(5 x 4 = 20)

1. Pica.
2. Erb's palsy.
3. Status epilepticus.
4. Leptospirosis.
5. Classify bronchial asthma in children.

III. Short answers on:

(5 x 2 = 10)

1. Name any two drugs for treating apnoea of prematurity.
2. Any four causes of microcephaly.
3. Cold chain.
4. Important investigations in dengue fever.
5. ABO incompatibility.

[LQ 557]

FEBRUARY 2020

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 2 + 3 + 3 = 10)

1. 5 year old child admitted with history of fever for 2 days with altered sensorium and seizures several episodes without regaining consciousness for more than 30 minutes. On examination child had temp 102 F, with neck rigidity. Discuss the clinical conditions, diagnosis, investigations and treatment for the above mentioned scenario.

II. Write notes on:

(5 x 4 = 20)

1. Antenatal screening and clinical features of Down's syndrome.
2. Feeding difficulties in newborn.
3. Status asthmaticus.
4. Infant of diabetic mother.
5. Obstructive jaundice.

III. Short answers on:

(5 x 2 = 10)

1. Management of falciparum malaria.
2. Attention deficit hyperactivity disorder.
3. Hypervitaminosis A.
4. Rota virus vaccine.
5. Antenatal steroid for preterm delivery.

[LR 557]

AUGUST 2020

Sub. Code : 5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(2 + 3 + 5 = 10)**

1. Discuss the physiology of lactation, the advantages of breastfeeding and technique of breastfeeding. How will you ensure adequacy of breast milk secretion and deal with common problems in lactation?

II. Write notes on: **(5 x 4 = 20)**

1. Iron deficiency anemia
2. Neonatal resuscitation
3. Clinical features and investigations in dengue fever
4. How will you assess and correct dehydration in a 6 months old child with diarrhoea.
5. What is cyanosis? What are the types and how will you differentiate? List the common congenital cyanotic heart diseases you know of.

III. Short answers on: **(5 x 2 = 10)**

1. X-ray findings and drugs used in staphylococcal pneumonia
2. What is the normal head circumference at birth? How does it increase in the first year?
3. Advantages of IPV over OPV and OPV over IPV
4. Features of congenital rubella syndrome
5. Hydrops fetalis

[LT 557]

NOVEMBER 2020

Sub.Code :5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. A 6 years old child comes with fever of 10 days duration. Enumerate the possible causes. Discuss the clinical features, investigations, management and prevention of Typhoid fever in children.

II. Write notes on: **(5 x 4 = 20)**

1. Elaborate the different mile stones achieved in an infant at different months upto 1 year of age.
2. What is Severe Acute Malnutrition (SAM)? How will you manage the acute complications in a SAM child on the day 1 of admission?
3. Discuss briefly the complications of Prematurity. How will you manage respiratory distress syndrome (RDS)?
4. Diphtheria.
5. Congenital hypertrophic Pyloric Stenosis.

III. Short answers on: **(5 x 2 = 10)**

1. Differential diagnosis for Hypochromic Microcytic Anemia.
2. CSF findings in Tuberculous meningitis.
3. Treatment of severe Dehydration.
4. How will you ensure adequacy of lactation.
5. Treatment of scabies.

[MBBS 0421]

**APRIL 2021
(FEBRUARY 2021 SESSION)**

Sub.Code :5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Time: Three hours

Q.P. Code: 525087

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. A 3 year old girl child is brought its history of not acquiring age appropriate milestones. Describe what is normal at this age and how to evaluate for the development delay.

II. Write notes on:

(5 x 4 = 20)

1. Complications of Nephrotic syndrome.
2. Iron deficiency anemia.
3. Kangaroo mother care.
4. Meconium aspiration syndrome.
5. Pneumococcal vaccine.

III. Short answers on:

(5 x 2 = 10)

1. Management of acute severe asthma.
2. Extra hepatic biliary atresia.
3. Management of CTEV.
4. SNCU.
5. Management of PDA.

[MBBS 0821]

AUGUST 2021

Sub.Code :5087

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART II
PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. A 10 years old male child is brought with history of hematuria. What are all the possible causes? Discuss the etiopathogenesis, clinical features, investigations and management of acute post-streptococcal glomerulonephritis.

II. Write notes on:

(5 x 4 = 20)

1. Congenital hypothyroidism.
2. BCG vaccine.
3. Investigations for malaria. How will you treat P.vivax malaria?
4. Advantages of breastfeeding to the child and the mother.
5. What are the common organisms causing urinary tract infection? How will you investigate a six months old male child with suspected urinary tract infection?

III. Short answers on:

(5 x 2 = 10)

1. When does anterior fontanelle close? Mention three causes for delayed closure.
2. Enterobius vermicularis infestation.
3. Complications of staphylococcal pneumonia. What are the drugs of choice?
4. Anti D immunoglobulin.
5. Complications of infant of diabetic mother.

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

[MBBS 0422]

APRIL 2022

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. A one month old infant comes to emergency with cyanosis, respiratory distress for 20 days duration. Enumerate differential diagnosis, investigations for that child. How will you manage cyanotic spell.

II. Write notes on:

(5 x 4 = 20)

1. Febrile seizures.
2. Management of a newborn born to hepatitis B positive mother.
3. Tracheo esophageal fistula.
4. Nocturnal enuresis.
5. Management of nephrotic syndrome in a 5 year old boy.

III. Short answers on:

(5 x 2 = 10)

1. Indications for amniocentesis.
2. Multidrug resistant typhoid.
3. Causes of anemia in children.
4. Composition of hypo osmolar ORS.
5. Pincer grasp.

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

[MBBS 0822]

AUGUST 2022

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. What are the common causes of acute watery diarrhoea in children? How will you assess dehydration in a child? What is the composition of WHO ORS? How will you manage different degrees of dehydration?

II. Write notes on:

(5 x 4 = 20)

1. Resuscitation of newborn baby in labour room.
2. Vitamin A.
3. What are the causes of pneumonia in children? What are the clinical features of pneumonia and what investigations you will do?
4. DPT vaccine.
5. Congenital diaphragmatic hernia.

III. Short answers on:

(5 x 2 = 10)

1. Define microcephaly and mention three causes.
2. CSF analysis in pyogenic meningitis.
3. Causes of hypertension in children.
4. Positioning and latching in breastfeeding.
5. Clinical manifestations of scorpion sting. What is the drug of choice?

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

[MBBS 0323]

MARCH 2023

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: (1 x 10 = 10)

1. When will you suspect pathological jaundice in newborn? List out the causes for pathological jaundice. What is Kramer rule? Discuss the different modalities of treatment of neonatal jaundice. How will you prevent Rh incompatibility?

II. Write notes on: (5 x 4 = 20)

1. Discuss positioning and latching in breastfeeding. What are the advantages of breastfeeding?
2. Febrile convulsion.
3. Intussusception.
4. Congenital hypothyroidism.
5. Lumbar puncture.

III. Short answers on: (5 x 2 = 10)

1. What is stridor? What are the common causes of stridor in children?
2. Prognostic factors in acute lymphoblastic leukemia.
3. Treatment of some dehydration.
4. Differential diagnosis for continuous murmur.
5. Gene Xpert.

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

[MBBS 0823]

AUGUST 2023

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Discuss about the aetiopathogenetic factors, clinical features, complications and management of Preterm Neonate.

II. Write notes on: **(5 x 4 = 20)**

1. Aetiopathogenesis of Dengue fever and classification.
2. Wilson's disease in children.
3. Classification of Acute Myeloid Leukemia.
4. Urinary Tract Infections in children.
5. Baby Friendly Hospital initiative.

III. Short answers on: **(5 x 2 = 10)**

1. Name four Neurocutaneous markers.
2. Pulse Polio immunization.
3. Encopresis.
4. Treatment for Hereditary Spherocytosis.
5. Two contra indications for Bag and Mask ventilation in Neonatal resuscitation.

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

[MBBS 0324]

MARCH 2024

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Discuss the etiopathogenesis, clinical features, management and follow up of a child with Thalassemia major.

II. Write notes on: **(5 x 4 = 20)**

1. Rotavirus diarrhoea.
2. Acute phase reactants.
3. Neonatal resuscitation programme.
4. Congenital hypothyroidism.
5. Infantile hypertrophic pyloric stenosis.

III. Short answers on: **(5 x 2 = 10)**

1. Four adverse events following immunization.
2. Eye signs of Vitamin A deficiency.
3. Four causes of microcephaly.
4. Treatment of scabies.
5. Mid upper arm circumference.

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

[MBBS 0824]

AUGUST 2024

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART II

PAPER VII – PAEDIATRICS (INCLUDING NEONATOLOGY)

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. An 8-year-old girl is brought with c/o fever, knee joint pain for 3 days. Enumerate the possible causes. Discuss in detail investigations, management and presentation of Rheumatic fever.

II. Write notes on: **(5 x 4 = 20)**

1. PICA in Children.
2. Pulse polio.
3. Baby friendly hospital initiative.
4. Congenital diaphragmatic hernia.
5. Enumerate causes of low birth weight.

III. Short answers on: **(5 x 2 = 10)**

1. Iron chelation in thalassemia.
2. Mantoux testing.
3. IMNCI management for pneumonia in child of 5 years.
4. Ponderal Index.
5. Enumerate three side effects of phototherapy.

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

[MBBS 0325]

MARCH 2025

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

**THIRD MBBS PART II
PAPER VII – PAEDIATRICS
(INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. A one-year-old boy is brought with anaemia. Enumerate the possible causes. How will you evaluate? How will you treat iron deficiency anaemia?

II. Write notes on:

(5 x 4 = 20)

1. When will you call it as 'Pathological Jaundice' in newborn? What are the modalities of management for neonatal jaundice?
2. Investigations and treatment of urinary tract infection.
3. Tetralogy of Fallot.
4. Testicular Torsion – Clinical features and Management.
5. Childhood Asthma.

III. Short answers on:

(5 x 2 = 10)

1. BCG vaccine.
2. Danger / Warning signs in Dengue fever.
3. Newborn Screening Test.
4. Management of Cyanotic spell.
5. ALTB [Acute Laryngotracheobronchitis].

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

[MBBS 0725]

JULY 2025

Sub. Code :5087

M.B.B.S. DEGREE EXAMINATION

(For the arrear candidates admitted upto the Academic Year 2018-2019)

**THIRD MBBS PART II
PAPER VII – PAEDIATRICS
(INCLUDING NEONATOLOGY)**

Q.P. Code: 525087

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

(3+7)

1. 7-year-old male child brought to the hospital for short stature. Anthropometric measurements: height of 80 cm and weight of 15 kg. What are the causes and discuss in detail about congenital hypothyroidism.

II. Write notes on: **(5 x 4 = 20)**

1. Breath holding spell in children.
2. Management of Acute Diarrhoea with severe dehydration in children.
3. Hemophilia.
4. Complications of Prematurity in Newborn.
5. Management of Congestive Cardiac Failure.

III. Short answers on: **(5 x 2 = 10)**

1. Scrub Typhus in children.
2. Define Severe Acute Malnutrition.
3. Clinical assessment of adequacy of Breast feeding.
4. Hepatitis A (HepA) vaccine.
5. Types of Tracheoesophageal fistula.
