

April-2001

[KD 189]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

(Revised Regulations)

Part II

Paper III — SPECIALITIES OF PEDIATRICS  
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the causes and management of childhood hemiplegia. (25)
  2. Discuss the value of ultrasonic diagnosis in Paediatrics practice. (25)
  3. Write notes : (5 × 10 = 50)
    - (a) Differential diagnosis of maculopapular rashes in children.
    - (b) Pett's Disease.
    - (c) Juvenile cataract
    - (d) Transfusion of blood fractions.
    - (e) Indication for growth hormone therapy.
-

November-2001

[KE 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper III — SPECIALITIES OF PAEDIATRICS  
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Evaluation of short stature and how do you manage growth hormone deficiency. (25)
  2. Genetic – counselling and dietary modification for specific metabolic disorders. (25)
  3. Short notes : (5 × 10 = 50)
    - (a) Disorder of granulocyte function.
    - (b) Management of cyanotic spells.
    - (c) Management of urinary tract infection.
    - (d) Management of Acute Pulmonary Edema.
    - (e) Management of constipation of surgical causes.
-

March-2002

[KG 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper III — SPECIALITIES OF PAEDIATRIC  
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Marked oliguria 1 week after an acute episode of mucoid, bloody diarrhoea in a 2 year old child. Discuss the management. (25)
  2. 8 year old boy admitted for evaluation of recurrent swelling and pain in the wrist, knee and ankle joints over a 6 months period. Discuss the differential diagnosis, investigations and management. (25)
  3. Write notes on : (5 × 10 = 50)
    - (a) Role of newer macrolide antibiotics in childhood infections.
    - (b) Causes and work up of a 6 year old child with recurrent pain abdomen.
    - (c) Causes and management of refractory congestive heart failure in a 2 year old boy.
    - (d) Pure red cell Aplasia.
    - (e) Unilateral cryptorchidism.
-

September-2002

[KH 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper III — SPECIALITIES OF PAEDIATRICS  
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the normal haemostasis mechanism and management of a case of classical haemophilia. (25)
  2. Describe the etiopathogenesis, metabolic changes and management of acute renal failure. (25)
  3. Write notes on : (5 × 10 = 50)
    - (a) Diagnosis and management of congenital hypothyroidism
    - (b) Diagnosis and management of neuroblastoma
    - (c) Status epilepticus
    - (d) Management of cyanotic spell in tetralogy of fallot
    - (e) Management of TB Meningitis.
-

April-2003

[KI 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper III — SPECIALITIES OF PAEDIATRICS  
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the differential diagnosis of a child with cyanotic congenital heart disease with congestive heart failure and describe the management. (25)
  2. Discuss the diagnosis and management of recent purpura in a child. (25)
  3. Write notes on : (5 × 10 = 50)
    - (a) Wilm's tumour
    - (b) Congenital hydrocephalus
    - (c) Acute renal failure
    - (d) Microcytic anaemia
    - (e) Urinary tract infection.
-

[KJ 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch VII — Paediatrics

Part II

Paper III — SPECIALITIES OF PAEDIATRICS  
MEDICINE

Time : Three hours\_1 Maximum : 100 marks

Theory : Two hours and forty Theory : 80 marks  
minutes

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 diagram wherever necessary.

I. Essay : (2 × 15 = 30)

(a) How would you approach to diagnose and  
manage a child with Ambiguous Genitalia?

(b) Describe the formation, circulation and  
composition of Cerebrospinal Fluid and discuss the  
etiology, diagnosis and management of Hydrocephalus  
in a 2 Year old child?

II. Write briefly on : (10 × 5 = 50)

(a) Postnatal Management of Antenatally  
detected Pelviureteric Junction Obstruction.

(b) Diagnosis and Management of Infective  
Endocarditis.

(c) Laboratory evaluation and management of  
Acute Lymphoblastic Leukaemia.

(d) Newer Anticonvulsants.

(e) Sickle cell Crisis and management.

(f) Outline the Physiology of Coagulation.

(g) Investigation in a child with short Stature.

(h) Digoxin Toxicity.

(i) Diagnosis and Management of a child with  
Vesico-Ureteric Reflux.

(j) Refractive Congestive Cardiac Failure in  
Rheumatic Heart Disease.



[KM 139]

Sub. Code : 2036

II. Write notes on : (10 × 5 = 50)

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Part II

Branch VII — Paediatrics

Paper III — SPECIALITIES OF PAEDIATRICS  
MEDICINE

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 : (2 × 15 = 30)

(1) Classify childhood anemias. Discuss the etiology, pathophysiology and management of autoimmune haemolytic anemia in children.

(2) Discuss the etiology, differential diagnosis and management of neuro degenerative disorders of childhood.

- (a) Colony stimulating factors.
- (b) Duct dependant cardiac lesions.
- (c) Iron chelation therapy.
- (d) Micturiting cysto - urethrogram.
- (e) Hashimoto's disease.
- (f) Non oliguric renal failure.
- (g) Food allergy.
- (h) Sturge - Weber Syndrome.
- (i) Management of diabetic keto acidosis.
- (j) Prognostic factors in childhood acute lymphoblastic leukemias.







[KQ 130]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

SPECIALITIES OF PAEDIATRICS MEDICINE

Part II — Paper III (Old/New/Revised Regulations)  
(Candidates admitted from 1988–89 onwards)

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 :

1. Define ARI, classification of ARI, diagnosis and management of pneumonia in ARI programme and the objectives of ARI programme under CSSM. (20)
2. Discuss the clinical features of various Iodine deficiency states in childhood. Describe the objectives and outcome of National goiter control programme by Government of India. (15)
3. Outline the abnormalities of Leucocytes, FAB classification and management of Acute Lymphoblastic Leukemia in a child of 5 years. (15)

II. Short notes :

(6 × 5 = 30)

- (a) Phakomatosis.
  - (b) Caffey's disease.
  - (c) Neural tubular defects.
  - (d) Peripheral smear in beta-thalassemia.
  - (e) Diet in chronic renal failure.
  - (f) IMCL.
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[KR 134]

Sub. Code : 2030

M.D. DEGREE EXAMINATION.

Branch VII – Paediatrics

SPECIALITIES OF PAEDIATRICS MEDICINE

(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. Discuss the differential diagnosis of large head and how will you manage a child with hydrocephalus.(20)
2. Name the coagulation factors? Write in detail about anti haemophilic factor. (15)
3. Importance of urine examination in clinical paediatric practice. (15)

II. Write short notes on : (6 × 5 = 30)

- (a) Tuberculoma of brain
  - (b) Cretinism
  - (c) Bone - marrow aspiration
  - (d) Infantile colic
  - (e) Transposition of Great vessels
  - (f) Principles of treatment of diarrhoea and dehydration.
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[KR 136]

Sub. Code : 2032

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

Paper IV — SPECIALITIES OF PAEDIATRICS  
MEDICINE AND RECENT ADVANCES

(Candidates admitted from 2004-05 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. Define anaemia. Discuss about approach to a child with anaemia. Add note on new therapeutic approaches in treatment of thalassemia. (20)
2. Discuss about etiology, approach and treatment of short stature in children. (15)

3. Define status epilepticus. Discuss about etiology, treatment and prognosis of the same. (15)

II. Short notes : (6 × 5 = 30)

- (a) Supraventricular tachycardia
- (b) Multidisciplinary care of children with cancer
- (c) Imaging studies in urinary tract infection
- (d) Pseudotumor cerebri
- (e) Prevention of mental retardation
- (f) Consumptive coagulopathy.

**MARCH 2008**

**[KS 134]**

**Sub. Code : 2085**

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

Paper IV – SPECIALITIES OF PAEDIATRICS MEDICINE AND  
RECENT ADVANCES

(Candidates admitted from 2004–05 onwards)

**Q. P. Code : 202029**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 20 = 40)
1. Discuss the common causes of acute renal failure in children. How will you investigate and manage acute renal failure?
  2. Define 'Drug resistant malaria'. Enumerate the types of drug resistance as per WHO criteria. Discuss the strategies of managing drug resistant malaria.
- II. Write short notes : (10 × 6 = 60)
1. Efavarens
  2. Circumcision
  3. Vaccine associated paralytic polio
  4. Management of nocturnal enuresis
  5. Pneumococcal vaccines
  6. Febrile neutropenia
  7. Iron poisoning.
  8. Antistaphylococcal drugs
  9. Spinal muscular atrophy
  10. Hypertrophic pyloric stenosis.
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September 2008

[KT 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**Branch VII – Paediatrics**

**Paper IV – SPECIALITIES OF PAEDIATRICS MEDICINE AND  
RECENT ADVANCES**

(For candidates admitted from 2004-2005 onwards)

*Q.P. Code : 202085*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions : (2 X 20 = 40)**

1. Write etiology, signs and symptoms, investigations, complications and management of dengue fever.
2. Diagnosis, management and prevention of Nosocomial infections in PICU and NICU.

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

1. Staphylococcal toxic shock syndrome.
  2. Total parenteral nutrition.
  3. Perinatal HIV infection.
  4. Recurrent urinary tract infections in children.
  5. Newer Vaccines.
  6. IMS Act.
  7. Stem cell transplant.
  8. IV immunoglobulins.
  9. Zinc in health and disease.
  10. Extra ocular manifestations of vitamin A deficiency.
-



March 2009

[KU 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**Branch VII – PAEDIATRICS**

**(For candidates admitted from 2004-2005 to 2007-2008 onwards)**

**Paper IV – SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

*Q.P. Code : 202085*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

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

1. Etiology, clinical features, investigations, management and complications of enteric fever. How will you manage multi drug resistant salmonella typhi (MDR-ST) infection?
2. Discuss the current perspectives of thalassemia syndrome. Add a note on recent advances in iron chelation therapy.

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

1. Anemia in lead poisoning.
2. Blood component therapy in pediatric practice.
3. Stem cell transplantation.
4. Primary immunodeficiencies.
5. Counseling a mother for her dying child.
6. Recent vaccine related deaths in Tamil Nadu.
7. Childhood obesity and risk factors.
8. The role of recent vaccines in child health.
9. BPNI (Breast feeding promotion network in India).
10. Recent advances in nebulisation and inhaler therapy for asthma.

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September - 2009

[KV 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**Branch VII – PAEDIATRICS**

(For candidates admitted from 2004-2005 to 2007-2008 onwards)

**Paper IV – SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

*Q.P. Code : 202085*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Discuss the biochemical changes in diabetic ketoacidosis. Write in detail about the management of diabetic ketoacidosis.
2. Discuss the causes of anaemia in a 3 year old child. How will you investigate this child?

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Anti-oxidants
2. Insulin like growth factor.
3. Newer anti-epileptic drugs.
4. Newer iron chelating agents.
5. Rational use of cephalosporins.
6. Helicobacter pylori in children.
7. Pneumococcal vaccine.
8. Stem cell transplant.
9. Non-invasive ventilation.
10. Newer diagnostic techniques for tuberculosis.

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September 2010

[KX 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**Branch VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

**Paper IV – (For candidates admitted from 2004-2005 to 2007-2008) and  
Part II - Paper III (For candidates admitted from 2008-2009 onwards)**

*Q.P. Code : 202085*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 X 20 = 40)**

1. Discuss classification, pathophysiology, clinical characteristics and management of status epilepticus.
2. Discuss pathophysiology, etiology, evaluation and management of short stature.

**II. Write short notes on :**

**(10 X 6 = 60)**

1. Consumer problems and the paediatrician.
2. Postoperative complications of paediatric liver transplantation.
3. Diagnostic procedures in sleep disorders.
4. Evaluation of suspected T-cell or combined immune defect.
5. Newer treatment modalities in neonatal sepsis.
6. Antenatal steroids.
7. Prenatal diagnostic techniques.
8. Hot-water epilepsy.
9. Barker's hypothesis.
10. Hematological manifestations of systemic disease.

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MAY 2011

[KY 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION  
BRANCH VII – PAEDIATRICS  
SPECIALITIES OF PAEDIATRIC MEDICINE  
AND RECENT ADVANCES**

*Q.P. Code : 202085*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Discuss the approach to a child with coma and its management.	11	35	15
2. Discuss the classification, clinical features, complications and management of Nephrotic syndrome.	11	35	15

**II. Write notes on :**

1. Autism.	4	10	7
2. Maltreated child.	4	10	7
3. New guidelines for the management of dengue shock - syndrome.	4	10	7
4. Secondary hemophagocytic syndrome.	4	10	7
5. Non invasive positive pressure ventilation.	4	10	7
6. Food allergy.	4	10	7
7. Oncologic emergencies.	4	10	7
8. Brain death.	4	10	7
9. Migraine in children.	4	10	7
10. Hemolytic uremic syndrome.	4	10	7

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October 2011

[KZ 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**BRANCH VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRIC MEDICINE AND RECENT ADVANCES**

*Q.P. Code : 202085*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

**Pages Time Marks  
(Max.) (Max.) (Max.)**

- |   |    |    |    |
|---|----|----|----|
| 1. Discuss the classification of Seizures. Describe the investigations and treatment of a 6 year old child with status epilepticus. | 11 | 35 | 15 |
| 2. Describe the aetiology, pathogenesis, clinical feature and management of a child with hepatic coma.                              | 11 | 35 | 15 |

**II. Write notes on :**

- |  |   |    |   |
|--|---|----|---|
| 1. Oxygen free radicals.                             | 4 | 10 | 7 |
| 2. Newer vaccines.                                   | 4 | 10 | 7 |
| 3. Juvenile Diabetes.                                | 4 | 10 | 7 |
| 4. Scrub Typhus.                                     | 4 | 10 | 7 |
| 5. Opportunistic infections.                         | 4 | 10 | 7 |
| 6. Antenatal diagnosis.                              | 4 | 10 | 7 |
| 7. Gene therapy.                                     | 4 | 10 | 7 |
| 8. Molecular diagnosis of thalassemia.               | 4 | 10 | 7 |
| 9. Invasive pneumococcal disease and its prevention. | 4 | 10 | 7 |
| 10. Short course chemotherapy of tuberculosis.       | 4 | 10 | 7 |

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APRIL2012

[LA 134]

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**BRANCH VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

*Q.P. Code : 202085*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

**Pages Time Marks  
(Max.) (Max.) (Max.)**

- |   |    |    |    |
|---|----|----|----|
| 1. Discuss the complications and management of sickle cell anemia.                | 16 | 35 | 15 |
| 2. Discuss the etiology, investigation and management of urinary tract infection. | 16 | 35 | 15 |

**II. Write notes on :**

- |  |   |    |   |
|--|---|----|---|
| 1. Management of Infective Endocarditis.   | 4 | 10 | 7 |
| 2. Causes of secondary Nephrotic Syndrome.   | 4 | 10 | 7 |
| 3. Protocol for management of status epilepticus.  | 4 | 10 | 7 |
| 4. Indications for Stem Cell Transplantation.  | 4 | 10 | 7 |
| 5. Prognostic factors in Acute Lymphoblastic Leukemia.                                   | 4 | 10 | 7 |
| 6. Diagnostic criteria for Systemic Inflammatory Response Syndrome.                      | 4 | 10 | 7 |
| 7. Enumerate duct dependent congenital cardiac lesions and how to maintain duct patency. | 4 | 10 | 7 |
| 8. What is Bubble CPAP and discuss the indications.                                      | 4 | 10 | 7 |
| 9. Discuss the syndromes associated with craniosynostosis.                               | 4 | 10 | 7 |
| 10. Cutaneous manifestations of systemic diseases and its relation to disease.           | 4 | 10 | 7 |

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**(LC 134)**

**APRIL 2013**

**Sub. Code: 2085**

**M.D. DEGREE EXAMINATION**

**BRANCH VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRIC MEDICINE & RECENT ADVANCES**

**Q.P. Code: 202085**

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Discuss in detail about childhood leukaemia
2. 6yr old boy is brought with c/o hematuria, Puffiness of face, reduced urine output. On clinical examination, found to have unclad impetiginous lesions. Discuss the investigations, treatment, complications and its management.

**II. Write notes on:**

**(10X7=70)**

1. Double outlet right ventricle
2. Bronchiolitis
3. High frequency oscillatory ventilation
4. Gene therapy
5. Cerebral malaria
6. Trace elements
7. Partial parenteral nutrition
8. Fulminant Hepatic failure
9. Renal replacement therapy
10. Fetal monitoring

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[LD 134]

OCTOBER 2013

Sub. Code: 2085

**M.D. DEGREE EXAMINATION**

**BRANCH VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRIC MEDICINE & RECENT ADVANCES**

*Q.P. Code: 202085*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Define Hypertension in Children. Discuss in Detail the Approach and Management of Hypertension in Children.
2. A 4 year old boy presents to you with weakness of Both lower limbs since two days. How will you Evaluate and Manage this case.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Pseudo Tumor Cerebri.
2. Acute Disseminating Encephalomyelitis (ADEM).
3. Congenital Hypothyroidism.
4. Congenital Talipes Equinovarus.
5. Osteogenesis Imperfecta.
6. Role of Fresh Frozen Plasma and Cryoprecipitate in Paediatric clinical Practice.
7. Oncological Emergencies.
8. Fetal Surgical Therapy.
9. Management of Supra Ventricular Tachycardia (SVT).
10. Auto Immune Thrombocytopenias.

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(LE 134)

APRIL 2014

Sub. Code:2085

**M.D. DEGREE EXAMINATION  
BRANCH VII – PAEDIATRICS**

**SPECIALITIES OF PAEDIATRICS MEDICINE & RECENT ADVANCES**

*Q.P.Code: 202085*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Define Rational use of drugs. What are the factors underlying irrational use of drugs. Give Rational antibiotic therapy in fever without focus, Pneumonia and Diarrhoea.
2. Discuss classification and management and indication of blood products in Dengue fever.

**II. Write notes on:**

**(10X7=70)**

1. Facility based Integrated Management of Childhood Illness.
2. Granulocyte transfusion.
3. Granisetron.
4. Catch up schedule of immunizations.
5. Treatment of Acne.
6. Hearing screening in children.
7. Multi drug Resistent Typhoid Fever.
8. Latest WHO classification of growth problems.
9. Probiotics in paediatric practice.
10. Sterilization of equipments in newborn.

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(LF 134)

OCTOBER 2014

Sub. Code:2085

**M.D. DEGREE EXAMINATION  
BRANCH VII – PAEDIATRICS**

**PAPER IV - SPECIALITIES OF PAEDIATRIC MEDICINE AND  
RECENT ADVANCES**

*Q.P.Code: 202085*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the etiology, pathogenesis, clinical features and recent advances in the management of childhood asthma.
2. Discuss the etiology, signs, symptoms, investigations, complications and management of dengue fever.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Brain death.
2. Newer diagnostic techniques for Tuberculosis.
3. Insulin like growth factor.
4. Newer antiepileptic drugs.
5. Non-invasive ventilation.
6. Recent advances in iron chelation therapy.
7. Preventable mental retardation.
8. Neural tube defects.
9. Stem cell transplantation.
10. Cord blood banking.

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