

[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.

[KP 139]

Sub. Code : 2036

M.D. DEGREE EXAMINATION.

Branch VII — Paediatrics

SPECIALISTS 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 :

(1) Genetic counseling - Definition, indications, types of Genetic Disorders, Prenatal Diagnosis, Legal implication and Role of Gene Therapy in Genetic Disorders. (20)

(2) Community Acquired Pneumonia Definition, Aetiology and Clinical features according to the age and its Radiology and Laboratory evaluation. (15)

(3) Give an account of the differential diagnosis of a 3 year old child admitted in 'Coma'. How will you investigate and manage. (15)

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

- (a) Physiological anemia of Prematurity.**
- (b) Infantile colic**
- (c) Principles of treatment of diarrhoea and dehydration**
- (d) Hypoxic spells**
- (e) Fragile X-syndrome**
- (f) Congenital cataract.**

[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.
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