

APRIL 1995

(SB 362)

DIPLOMA IN CHILD HEALTH

(New Regulations)

**Paper I — BASIC SCIENCES RELATED TO
PAEDIATRICS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the importance of urine examination in children. (25)
 2. Describe the life cycle of Plasmodium Falciparum. What are the drugs used in the treatment of cerebral malaria? (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Newer cephalosporins.
 - (b) Treatment of hyperkalemia.
 - (c) Mechanism of thermoregulation in newborn.
 - (d) Paracetamol toxicity.
 - (e) Persistent vitello intestinal duct.
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AK 368

APRIL 1996

DIPLOMA IN CHILD HEALTH.

(New Regulations)

Paper I — BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What are liver function tests? Discuss their importance in the diagnosis of liver disorder. (25)
 2. Discuss the pathogenesis of cerebral oedema in children. (25)
 3. Write short notes on the following : (5 × 10 = 50)
 - (a) Rational drug therapy in paediatric practice.
 - (b) Importance of peripheral blood smear examination.
 - (c) Pathology and fate of GHON'S FOCUS.
 - (d) Drugs excreted in breast milk.
 - (e) Endemic goitre.
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[PK 311]

OCTOBER 1996

DIPLOMA IN CHILD HEALTH.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss Water regulation in children. (25)
 2. What is the role of the microbiology laboratory in clinical diagnosis? (25)
 3. Write briefly on : (5 x 10 = 50)
 - (a) Respiratory Syncytial Virus.
 - (b) Dental anomalies.
 - (c) Lung function test.
 - (d) Levamisole.
 - (e) Pathogenesis of Nephrotic syndrome.
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APRIL 1997

[MP 309]

DIPLOMA IN CHILD HEALTH.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the control of adrenal steroid secretion. Briefly mention the investigations in a suspected case of Cushing's syndrome. (25)
 2. Name the hormones concerned with glucose homeostasis and briefly mention their action. Discuss the management of a child with diabetic ketoacidosis. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Hyper vitaminosis D.
 - (b) Acyclovir.
 - (c) Treatment of hyperkalaemia.
 - (d) T.S.H.
 - (e) Osmotic diuretics.
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OCTOBER 1997

[MS 309]

DIPLOMA IN CHILD HEALTH.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the development of the immune system. Briefly describe the investigative approach to a child suspected to have chronic Granulomatous Disease. (25)
 2. Define Status Asthmaticus. Discuss the immediate and long term management of Bronchial Asthma. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Hypertonic dehydration.
 - (b) Mantoux test.
 - (c) Management of snake bite.
 - (d) ORS.
 - (e) Japanese Encephalitis.
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APRIL 1998

[SV 330]

DIPLOMA IN CHILD HEALTH.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the metabolism of bilirubin and the aetiopathogenesis of hyperbilirubinaemia in the New born.
(25)
 2. Outline the physiology of lactation in human beings. Enumerate the causes of "lactation failure" and state the management.
(25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Complications of falciparum malaria in children.
 - (b) Management of leptospirosis.
 - (c) Diagnosis of HIV infection in paediatrics.
 - (d) Rifampicin therapy in paediatrics.
 - (e) Neurocutaneous syndromes in children.
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APRIL 1999

[SG 1511]

Sub. Code : 3013

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the development of the lungs and the aetiopathogenesis of hyaline membrane disease. Outline the preventive aspects, clinical manifestations and treatment of hyaline membrane disease. (25)
 2. Outline the mechanism of thermoregulation in the new-born. Describe the pathophysiology of thermal stresses and the management of disorders of thermoregulation in the neonate. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Amphotericin B therapy in paediatric practice.
 - (b) Classification of childhood lymphomas.
 - (c) Diagnosis and treatment of hyperkalemia.
 - (d) Development of diaphragm and types of congenital diaphragmatic hernia.
 - (e) Serological studies in hepatitis B virus infection and their interpretation.
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OCTOBER 1999

[KA 1511]

Sub. Code : 3013

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES RELATED TO PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe CSF circulation and aetiopathogenesis, diagnosis and management of hydrocephalus in children. (25)
 2. Describe the life cycle of malarial parasites and outline the various clinical manifestations and management in paediatric age group. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Complications of measles in children
 - (b) Maternal medications and breast feeding
 - (c) Sturge Weber Syndrome
 - (d) Management of haemophilia
 - (e) Diagnosis of HIV infection in paediatrics.
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APRIL 2000

[KB 1511]

Sub. Code : 3013

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO
PAEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define shock. Classify and briefly mention the different types of shock in children. Outline the management of shock in children. (25)
 2. Discuss the pathophysiology of chronic persistent diarrhoea in children. Briefly discuss the management of chronic persistent diarrhoea. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Newer insulins
 - (b) Rapidly progressive glomerulonephritis
 - (c) Etiology of congestive cardiac failure in infancy
 - (d) Cystic fibrosis
 - (e) Bone marrow transplantation.
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OCTOBER 2000

[KC 1511]

Sub. Code : 3013

DIPLOMA IN CHILD HEALTH EXAMINATION.

(New Regulations)

Part I

Paper I — BASIC SCIENCES RELATED TO
PEDIATRICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the development of the Liver. Outline briefly the clinical features and treatment of Biliary atresia. (25)
2. Discuss Acute Renal failure. Outline the treatment of Acute Nephritis. (25)

Write briefly on :

(5 × 10 = 50)

- (a) Newer antiepileptic drugs.
 - (b) Widal test.
 - (c) Interferon.
 - (d) Umbilical hernia.
 - (e) IVIG (Intravenous Immunoglobulins).
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