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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – JUNE 2005

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS, GROWTH AND DEVELOPMENT

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Discuss the determination, principles of fluid therapy in children. Briefly outline the management of deficit in hyponatremic and hypernatremic dehydration.

(30 marks)

2. Write short notes on:

2A. Ethical issues in paediatrics.

2B. Developmental domains and theories of emotion and cognition.

2C. Conversion disorder.

2D. Attention deficit hyperactive disorder.

2E. Non organic failure to thrive.

2F. Magnesium in paediatrics.

2G. BACTEC.

(10×7 = 70 marks)

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2005

**SUBJECT: PAPER II: NEONATOLOGY, SOCIAL PAEDIATRICS AND PREVENTIVE
PAEDIATRICS, NUTRITION**

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Discuss the etiology, epidemiology, classification, clinical features, complications and management of marasmus in children.

(30 marks)

2. Write short notes on:

2A. Differential diagnosis of cyanosis in newborn.

2B. Juvenile delinquency.

2C. Klumpke's paralysis.

2D. Separation and death-impact on children.

2E. Hypoglycemia in newborn.

2F. Prevention of intrauterine infections.

2G. CSSM programme.

(10×7=70 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER III: IMMUNOLOGY, IMMUNE RELATED DISEASES, INFECTIOUS DISEASES, HAEMATOLOGY & ONCOLOGY

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions

1. Discuss the etiology, diagnostic clues, management of fever of unknown origin in children.

(30 marks)

2. Write short notes on:

2A. Polymerase chain reaction.

2B. Henoch – Schonlein purpura.

2C. Wiskott – Aldrich syndrome.

2D. Hereditary Angioedema.

2E. Selective IgA deficiency.

2F. Febrile neutropenia.

2G. Cisplatin.

(10×7=70 marks)

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING PAEDIATRIC SURGERY

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. Discuss the pathogenesis, clinical features, management of ambiguous genitalia.

(30 marks)

2. Write short notes on:

2A. Congenital diaphragmatic hernia.

2B. Adverse events after vaccination.

2C. Reflux oesophagitis.

2D. Malrotation of gut.

2E. Lung visualization and lung specimen based diagnostic tests.

2F. Klinefelter's syndrome.

2G. Chronic fatigue syndrome.

(10×7=70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: BASIC SCIENCES AS APPLIED TO PAEDIATRICS, GROWTH AND DEVELOPMENT

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ **Answer all the questions.**

1. Discuss the physical changes and hormonal changes during puberty. Define precocious puberty. How will you manage a female child with precocious puberty?

(30 marks)

2. Write short notes on:

2A. Prenatal diagnosis.

2B. Electro encephalogram.

2C. Disease modifying drugs in rheumatoid arthritis.

2D. Metabolic acidosis.

2E. End stage renal disease.

2F. Principles of growth.

2G. Childhood psychosis.

(10×7 = 70 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – DECEMBER 2005

**SUBJECT: PAPER II: NEONATOLOGY, SOCIAL PAEDIATRICS AND PREVENTIVE
PAEDIATRICS, NUTRITION**

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Discuss pathogenesis, clinical features and management of hypoxic ischaemia encephalopathy. Write a note on its neurological sequelae in relation to neuropathology.

(30 marks)

2. Write short notes on:

- 2A. Pyridoxine dependency state.
- 2B. Osteopenia of prematurity.
- 2C. Total parenteral nutrition.
- 2D. The girl child.
- 2E. Thrombocytopenia in the newborn infant.
- 2F. Management of severe protein energy malnutrition.
- 2G. 'At risk' concept.

(10×7=70 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER III: IMMUNOLOGY, IMMUNE RELATED DISEASES, INFECTIOUS DISEASES, HAEMATOLOGY & ONCOLOGY

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. How will you approach a 9 year old child who has presented with a history of rash and joint pains of one month duration?

(30 marks)

2. Write short notes on:

2A. Primitive neuroectodermal tumours.

2B. Mycoplasma pneumoniae infection.

2C. Diagnosis of Herpes Simplex encephalitis.

2D. Tropical eosinophilia.

2E. Investigations in a child with recurrent bleeding.

2F. Blood component therapy.

2G. Paracetamol toxicity.

(10×7=70 marks)

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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MD (PAEDIATRICS) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING PAEDIATRIC SURGERY

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. What are the causes of chronic renal failure in children? How will you investigate and manage a child with CRF?

(30 marks)

2. Write short notes on:

2A. Atopic dermatitis.

2B. Constipated infant.

2C. Child with refractory seizures.

2D. Attention deficit hyper activity disorder.

2E. Adult respiratory distress syndrome.

2F. Tracheo esophageal fistula.

2G. Pulseless cardiac arrest.

(10×7 = 70 marks)

