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HEALTH SCIENCES LIBRARY

## MANIPAL UNIVERSITY

MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2009

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

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

1. Discuss the metabolism and regulation of minerals involved in the formation of bone.

(30 marks)

2. Write short notes on:

2A. Ferritin.

2B. Adolescent vaccination.

2C. Dysmorphology and its importance in pediatric practice.

2D. Pericardium.

2E. Cognitive development.

2F. Methyl prednisolone.

2G. Placental functions.

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2009

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

Thursday, April 02, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss the clinical features and evaluation of a neonate with necrotising enterocolitis.

(30 marks)

2. Write short notes on:

2A. Hypermnatremia.

2B. Vit E deficiency.

2C. Adoption.

2D. Meconium aspiration.

2E. Transient tachypnoea in a neonate.

2F. Vit K deficiency.

2G. Brain death.

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2009

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

Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ Answer ALL the questions.
- ✍ Write answers that are brief, clear, relevant and legible. Illustrate wherever appropriate.

1. Discuss the approach to a child with polyarthritis.

(30 marks)

2. Write short notes on:

- 2A. Refractory congestive cardiac failure.
- 2B. Atopy.
- 2C. Sturge Weber Syndrome.
- 2D. Peritoneal dialysis.
- 2E. Coombs test.
- 2F. Infliximab.
- 2G. Newer antimalarial drugs.

(10×7 = 70 marks)



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## MANIPAL UNIVERSITY

MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING PAEDIATRIC SURGERY

Saturday, April 04, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss precocious puberty in female child and outline management.

(30 marks)

2. Write short notes on:

2A. Ductus dependency.

2B. Alpha 1 antitrypsin.

2C. Choledochal cyst.

2D. Anorectal anomalies.

2E. Erbs palsy.

2F. Scorpion sting.

2G. Lead poisoning.

(10×7 = 70 marks)

