

Reg. No.

## MANIPAL UNIVERSITY

### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2010

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

Monday, April 05, 2010

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 principles underlying the management of protein energy malnutrition in infants.

(30 marks)

2. Write short notes on:

2A. Scurvy.

2B. Advantages of human breast milk.

2C. Vaccine storage in peripheral health centre.

2D. Monoclonal antibodies.

2E. Newer antimalarial drugs.

2F. Genetic counseling in Down syndrome.

2G. Good enough Draw A Man test.

(10×7 = 70 marks)



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### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2010

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

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

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1. A 2 day old 1200gms neonate is brought in for increasing respiratory distress. How will history and physical examination help you in arriving at a probable etiologic diagnosis? Briefly outline the management of any one of them.

(30 marks)

2. **Write short notes on:**

- 2A. Thermoregulation in the new born.
- 2B. Micronutrients.
- 2C. Ghrelin.
- 2D. Baby friendly hospital initiative.
- 2E. Diet sheet for 6 Kg, 2 year old.
- 2F. Blindness control prevention programme.
- 2G. Infant mortality rate.

(10×7 = 70 marks)



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### MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2010

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

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. A six year old child is brought with H/O recurrent respiratory Infection (> 6 attacks / yr) from the age of 2 months. Child is weighing about 13.5 Kg. Mother gives history of admission to hospital on 4 occasions. Discuss approach to the problem and outline the management.

(30 marks)

2. Write short notes on:

- 2A. Infective hepatitis.
- 2B. Complement deficiency.
- 2C. Septic arthritis.
- 2D. ANA profile.
- 2E. Aplastic anemia.
- 2F. Recent concepts in the diagnosis of sepsis.
- 2G. Evaluation of coagulation status.

(10×7 = 70 marks)



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MD (PAEDIATRICS) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER IV: GENERAL PAEDIATRICS INCLUDING PAEDIATRIC SURGERY

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss various possible theories for global epidemic of asthma. What measures will you take to reduce the burden due to asthma?

(30 marks)

2. **Write short notes on:**

- 2A. Diaphragmatic hernia
- 2B. Viral myocarditis
- 2C. Cystic adenomatoid malformation
- 2D. Acute pancreatitis
- 2E. Retinoblastoma
- 2F. Club foot
- 2G. Hospital waste disposal

(10×7 = 70 marks)

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