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(3)

RC—7371

M.D. (PAEDIATRICS) DEGREE EXAMINATION, 2004

Paper I—BASIC SCIENCES

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 Discuss the development of various haemoglobins during embryonic, foetal and postnatal periods. Outline the management of a 6-year old child with short stature, chronic severe anaemia, abnormal facies, mild jaundice and splenohepatomegaly.

2 What are the nutritional requirements of a 4-year old child ? Discuss the aetiology, investigations and management of a child of the same age with obesity.

(2 × 20 = 40 marks)

II. Short Essays :

3 Hypernatraemia.

4 Surfactant therapy.

5 Renal imaging.

6 Pulmonary functions tests.

7 Pseudotumour cerebri.

8 Diagnosis of poliomyelitis.

(6 × 10 = 60 marks)

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M.D. (PAEDIATRICS) DEGREE EXAMINATION, 2004

Paper II—GENERAL PAEDIATRICS—I

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 A 2 month old baby is brought with ambiguous genitalia. How will you evaluate and manage this child ?

(10 + 10 = 20 marks)

2 Discuss the importance of urine examination in clinical medicine ?

(20 marks)

II. Short Essays :

3 Vesicoureteric reflux.

4 Fragile-X-syndrome.

5 Gene therapy.

6 Gram staining.

7 Forced expiratory volume.

8 Diagnosis and management of cretinism.

(6 × 10 = 60 marks)

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M.D. (PAEDIATRICS) DEGREE EXAMINATION, 2004

Paper III—GENERAL PAEDIATRICS—II

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 A one year old child is brought with not attaining head control. What are the likely causes ? How will you proceed with investigation and management of this child ?

(5 + 5 + 10 = 20 marks)

2 Discuss pulmonary function test and their use in clinical medicine.

(10 + 10 = 20 marks)

II. Short Essays :

3 Essential amino acids.

4 Antiviral drugs.

5 Anion gap.

6 Pneumocystis carinii infection.

7 Management of immunothrombocytopenic purpura.

8 Dengue hemorrhagic fever.

(6 × 10 = 60 marks)

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RC—7374

M.D. (PAEDIATRICS) DEGREE EXAMINATION, 2004

Paper IV—SOCIAL PAEDIATRICS AND PAEDIATRIC EMERGENCIES

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Answer **all** *questions.*

I. Long Essays :

1 A 4 year old child is brought to the Emergency Department with cyanosis and severe dyspnoea. On examination, his trachea is shifted to the right and apex beat is in the 5th right intercostal space outside the midclavicular line. Discuss the diagnosis, possible aetiology and treatment.

(3 + 7 + 10 = 20 marks)

2 Outline the management of diabetic ketoacidosis as the initial presentation in a 4 year old child.

(20 marks)

[2 × 20 = 40 marks]

II. Short Essays :

3 Optional vaccines.

4 Salt losing crisis.

5 Vitamin A prophylaxis.

6 Iodine deficiency.

7 Septic shock.

8 Management of snake bite.

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(6 × 10 = 60 marks)