Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

BASIC SCIENCES - PAPER – I
(Old Scheme)

Q.P. CODE : 7361

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the visual pathways and outline the pathophysiology of retinopathy of prematurity

2. Discuss the normal sexual differentiation and approach to ambiguous genitalia at birth

SHORT ESSAY **6 X 10 = 60 Marks**

3. Anion gap

4. Surfactant

5. Fetal circulation

6. Neonatal seizures

7. Anti nuclear antibody

8. Bone age

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

FETAL AND NEONATAL MEDICINE
PAPER – II
(Old Scheme)

Q.P. CODE : 7362

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. A 5 year boy is brought with history of bone pain, fever and bleeding from the gums. How will you investigate and manage the child?

2. Discuss briefly commonly used renal function tests

SHORT ESSAY **6 X 10 = 60 Marks**

3. Acute bronchiolitis

4. Nutritional rickets

5. Metabolic Alkalosis

6. Different types of Proteinuria

7. Congenital hypothyroidism

8. Anti retro viral drugs commonly used in children

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

GENERAL PAEDIATRICS

PAPER – III

(Old Scheme)

Q.P. CODE : 7363

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Six year old child brought for short stature. Discuss differential diagnosis, investigations and management

2. Eight year old child admitted with Congestive Heart Failure. Discuss differential diagnosis, investigations and management

SHORT ESSAY **6 X 10 = 60 Marks**

3. Hepatic Coma

4. Management of a 9 year old girl with Systemic Lupus Erythematosus

5. Congenital Megacolon

6. Slowly resolving pneumonias

7. Microcytic Anemias – Differential diagnosis

8. Conditions which mimic seizures

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

SOCIAL PAEDIATRICS AND PAEDIATRIC EMERGENCIES

PAPER – IV (Old Scheme)

Q.P. CODE : 7364

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. You are the Medical Officer in a PHC. Two year old child brought with 3 days history of fever, cough and breathlessness. How will you manage him as per the ARI control program?
2. Five year old child who has fallen into a pond is brought to the hospital. How do you manage him?

SHORT ESSAY **6 X 10 = 60 Marks**

3. Chickenpox vaccination
4. Energy dense food
5. ICDS program
6. Temper tantrums in a child
7. RNTCP management of TB in children
8. Management of Acute Febrile seizure in a 2 year old child

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

FOETAL AND NEW BORN

PAPER – I

(Revised Scheme)

Q.P. CODE : 7371

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. A term baby weighing 3 kg did not cry after birth and required prolonged resuscitation. Discuss the resulting pathophysiological changes. How will you manage this baby?

2. Discuss the causes, clinical features of common nerve injuries in the new born and its management

SHORT ESSAY **6 X 10 = 60 Marks**

3. Rapid screening tests for neonatal sepsis

4. Difference between human and cows milk

5. Physiological anaemia of newborn

6. Kangaroo mother care

7. Persistant pulmonary hypertension in newborn (PPHN)

8. Problems of infant of diabetic mother

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

GENERAL PAEDIATRICS –I

PAPER – II (Revised Scheme)

Q.P. CODE : 7372

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. List commonly used anti hypertensive drugs in children. Give their mechanism of action and side effects

2. Discuss management of acute lymphoblastic leukemia. Add a note on side effects related to treatment

SHORT ESSAY **6 X 10 = 60 Marks**

3. Vitamin D deficiency rickets

4. Development of diaphragm

5. Neurocysticercosis

6. Pneumocystis carini infection in children

7. Management of barbiturate poisoning

8. Ataxia Telengectasia

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

GENERAL PAEDIATRICS –II

PAPER – III (Revised Scheme)

Q.P. CODE : 7373

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the clinical features, diagnosis and treatment of juvenile rheumatoid arthritis in children

2. A 7 year old afebrile boy presents with increased bleeding from gums and bluish discolouration over the thighs. He has no lymphnode enlargement but tip of the spleen in palpable. How will you investigate and manage this child?

SHORT ESSAY **6 X 10 = 60 Marks**

3. Gene therapy

4. Ambulatory peritoneal dialysis

5. Radiological changes in scurvy

6. Gastroesophageal reflux

7. Neurocutaneous markers

8. DOTS for tuberculosis in children

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2010

[Time: 3 Hours] [Max. Marks: 100]

PAEDIATRICS

SOCIAL PAEDIATRICS AND PAEDIATRIC EMERGENCIES

PAPER – IV (Revised Scheme)

Q.P. CODE : 7374

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Define status asthmaticus. How will you manage a five year old girl with status asthmaticus? What steps will you take for preventing asthmatic attacks?

2. Define neonatal mortality rate. What are the common causes for neonatal mortality in your area? What steps will you take for reducing it?

SHORT ESSAY **6 X 10 = 60 Marks**

3. management of kerosene oil poisoning

4. Epidermolysis bullosa

5. Toxic shock syndrome

6. Newer vaccines

7. Management of snake bite

8. Acute flaccid paralysis (AFP) Programme

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