Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2011

[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. Define RH incompatibility, RH isoimmunisation and RH hemolytic disease. How will you manage the mother and neonate with history of intrauterine and neonatal death due to hemolytic disease
2. Write on physiology of adrenal cortex: discuss in detail the diagnosis and management of congenital adrenal hyperplasia

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

3. Leucocoria
4. Adjunctive therapies in neonatal Sepsis
5. Dangers of artificial feeding
6. Use of molecular genetics in diagnosis
7. Clinical signs and treatment of hereditary hypophosphatemic rickets
8. International classification of retinopathy of prematurity

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2011

[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. Define food alleregy? Discuss the most common clinical manifestations and how will you manage common food allergies
2. What are the common organisms causing nosocomial pneumonias? Add a note on non – resolving pneumonias in children and clinical criteria for diagnosing nosocomial pneumonia

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

3. Child guidance clinic
4. Pulmonary complications of HIV (Human Immuno Deficiency Virus)
5. Complications of sickle cell anemia
6. Radiological signs in mucopolysaccharoidosis
7. Child hood migraine
8. MELAS

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[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. A 4 year old child presents with history of fever since 7 days, enlarged lymphnodes and palpable spleen on examination? How will you investigate and manage the child
2. Discuss the pathophysiology, clinical features, and medical management of hypertrophic cardiomyopathy

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

3. Choledochal cyst
4. Management of VUR (Vesico Ureteric Reflux)
5. Epidemiological measures in Japanese – B encephalitis
6. Health advise for children traveling internationally
7. Side effects of antitubercular drugs
8. Common disorders of phonation in children

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[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. Enumerate common poisoning in children. How will you manage a 5 year old child with organophosphorus poisoning
2. What are the causes of child labour and its repercussions. What measures have been taken to eliminate child labour in India

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

3. National policy on infant milk substitutes
4. MDR tuberculosis
5. Hospital waste management
6. Stem cell transplantation
7. Implications of excess vitamin
8. Macrolide antibiotils

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2011

[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 Discuss briefly maternal conditions affecting fetus and neonate.

2 4 days old baby brought with jaundice. Palms and soles jaundiced. Discuss briefly how you would evaluate and manage the baby.

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

3. Physiological variations in the skin of a newborn.
4. Fallacies of APGAR score.
5. Different methods of diagnosis and assessment of the fetus.
6. Problems of IUGR baby.
7. Promoters and protectors of white matter disorder in newborns.
8. Congenital central hypoventilation syndrome in newborn. Pathophysiology, clinical features, management.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[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. A 7 year old child has fever, rash, bleeding manifestation. What are the differential diagnosis, investigations and management?
2. Enumerate causes for short stature, how do you evaluate a case of short stature and management

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

3. Development screening tests under 5 years.
4. Immunisation schedule for 4 years unimmunized child.
5. Atopic dermatitis.
6. Immediate and long term complications of Acute Lymphoblastic Leukemia.
7. Body mass index
8. Uses of Vitamin A

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[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. 2 months old baby is brought to you because of "difficulty in handling because of stiff limbs". Discuss how you will follow up the body. What would be your strategies in caring for the baby?
2. 6 years old child is brought to you with features suggestive of Acute Renal failure. How will you evaluate and manage?

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

3. Human papilloma virus vaccine.
4. Glomerular Filtration rate.
5. Highly active anti retro viral Treatment.
6. Differential diagnosis of Kawasaki Disease
7. Differentiate pneumothorax and pneumo-mediastinum
8. Chronic fatigue syndrome

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[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. How will you approach a child who is in shock.
2. How will you manage a child with severe malaria.

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

3. Street child.
4. Management of drowning child.
5. Corrosive poisoning.
6. High frequency ventilation.
7. CSF examination and its interpretation
8. Central venous pressure monitoring

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[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 aetiology, pathogenesis and clinical features of common transplacental infections? How will you investigate
2. Discuss controversies in neonatal resuscitation. How will you manage a newborn with meconium aspiration syndrome

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

3. Chorionic villus sampling
4. Septo optic dysplasia
5. Calcium regulation in the foetus
6. Hemolytic uremic syndrome
7. Primary and secondary apnea in newborn
8. Recent advances in SIDS

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[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. Classify primary immunodeficiency in children. Write on common manifestations of immunological disorders and principles of management
2. Describe the functions and metabolism of vitamin D. Discuss the aetiology and management of vitamin D – resistant rickets

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

3. Learning disability
4. Preventive therapy in bronchial asthma
5. Role of umbilical cord in bonemarrow transplantation
6. Conditions mimicking seizures
7. Role of diet in attention deficit hyperactivity disorder
8. Newer immuno diagnostic techniques in neural tuberculosis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[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. Define Juvenile rheumatoid arthritis. Write on classification, clinical manifiestation. Investigations and management of juvenile rheumatold arthritis
2. What are the oppotunisitc infections in HIV patients. Discuss the management of opportunistic infections

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

3. Immunisation of adolescents
4. Importance of bonemarrow examination in children
5. Serological markers of infectious hepatitis
6. Management of supraventricular tachycardia
7. Travelers diarrhea
8. Endocrie functions of kidney

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[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. 3 year old child brought to the emergency room with high fever and petichae all over the body. what is the differential diagnosis, how will you approach and manage the case
2. What is the senerio of accidental poisoning in children in your – institute? Write about two different cases of poisoning you have managed during your PG period

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

3. Rights of children
4. Adverse reaction following immunization
5. High frequency ventilation
6. Recent trends in management of scorpion sting
7. Diagnosis and management of H1N1 infection in children
8. PPTCT (prevention of parent to child transmission of HIV)

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[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. Describe the pathophysiology of Meconium Aspiration syndrome (MAS). Discuss the management and complications of Meconium Aspiration (MAS)
2. A 3 day old neonate presents with recurrent seizures. Discuss the causes, evaluation and management

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

3. Erb's palsy
4. Evaluation of a newborn with hematuria
5. Growth charts for preterms
6. Polycythemia in newborn
7. Use of Inotropes in NICU
8. Non shivering thermogenesis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[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. 4 years old child brought with history of recurrent wheeze. Discuss differential diagnosis and management.
2. Discuss emerging pattern of fine motor skills from 6 months of age to 5 years.

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

3. Enumerate disorder of phagocyte function. Add a note on the clinical features and management of one disorder.
4. Sexual Maturity rating.
5. Laboratory findings of severe Malnutrition.
6. Stuttering versus developmental dysfluency.
7. Clinical manifestations of hyperammonemia, diagnosis and management.
8. Pretreatment staging for staging pediatric Non hodgkin's lymphoma.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[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. Describe the inborn error of metabolism affecting liver. Discuss the management of Wilson's disease.
2. How will you clinically evaluate child with hematuria.

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

3. Impact of media and adolescent.
4. Utility of MRI in diagnosis of Cardiovascular disorders.
5. T- Lymphocytes.
6. Revised national tuberculosis control programme.
7. Vaccine storage
8. Lab diagnosis of leptospirosis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[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. What are the causes of under 5 years mortality in our country. Suggest measures to reduce this mortality rate.
2. Emerging newer infectious diseases in children

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

3. Oxygen Therapy.
4. Managing scorpion sting.
5. Recurrent Abdominal pain.
6. Features of Raised intracranial tension and management.
7. Nutritional Recovery syndromes.
8. Newer Antiepileptic Drugs.

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