Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

[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. Classify respiratory failure and discuss the defense mechanism of the lung

2. Discuss the anorectal malformations in a male child. How will you diagnose? Discuss the management and complications

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

3. Non immune hydrops

4. Acquired hemorrhagic disorders in children

5. Ultra sound markers of trisomy 21

6. Primary dentition

7. Neonatal tetany

8. Apnea of prematurity

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2012

[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 preterm. What are the causes of preterm? Problems of preterm and how will you manage
2. Write in detail about BPNI (Breast feeding promotion network in India)

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

3. Erb's palsy
4. Congenital hypertrophic pyloric syndrome
5. HIE (Hypoxic Ischemic Encephalopathy)
6. Differential cyanosis
7. CTEV (Congenital Talepus Equino Varus)
8. Milia

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2012

[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. Write malarial parasite life cycle in human being. What are the complicated forms of Malaria and their management according to WHO guidelines
2. What are the common adolescent problems in children how will you proceed and tackle those problems

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

3. Recent trends in Immunization
4. Kawasaki disease
5. Newer antiepileptic drugs
6. Role of interventional cardiology in paediatrics
7. CHEDIAK HIGASHI Syndrome
8. Recurrent stridor in children

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2012

[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. Discuss the clinical and diagnostic approach to an eight year old child who came with recent onset of recurrent attacks of partial seizures on the left side of the body
2. Define and classify anaemias basing on their peripheral smear. Write indetail about haemolytic anaemia you have encountered during your postgraduate course

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

3. SAM (Severe Acute malnutrition)
4. Diabeticketoacidosis
5. Chemotherapy of ALL (Acute lymphati8c leukaemia)
6. Habit disorders
7. Zinc in health and disease
8. Dandywalker’s syndrome -CCF (Congestive Cardiac Failure)

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PAEDIATRICS
(Revised Scheme)
FOETAL AND NEW BORN
PAPER- I
Q. P. CODE: 7371

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. A 2 day old neonate is brought with history of convulsions. What are the likely causes based on history and physical examination. How will you investigate and manage this child.
2. Write about fetal circulation and changes that occur at birth. Write a note on Persistent Pulmonary hypertension of newborn.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Hydrops fetalis
4. Thrombocytopenia in the newborn
5. Supportive care of the preterm infant
6. Multiple pregnancies
7. Respiratory Distress- surgical causes
8. Bronchopulmonary Dysplasia

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PAEDIATRICS
(Revised Scheme)
GENERAL PAEDIATRICS-1
PAPER- II
Q. P. CODE: 7372

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. A 3 year old is brought to you with delayed attainment of milestones. Outline the points in history which will help you arrive at a possible etiology. How will you go about managing the child.
2. What symptoms and signs would make you suspect an acute leukemia in a child? How would you investigate such a child? Briefly outline the principles of therapy.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Diabetic ketoacidosis
4. Acute bronchiolitis
5. Cyanotic spells
6. Haematemesis
7. Balanced diet
8. Henoch-Schonlein Purpura

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PAEDIATRICS
(Revised Scheme)
GENERAL PAEDIATRICS-II
PAPER- III
Q. P. CODE: 7373

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. A 6 month old child is brought for not yet turning over. What points in history and physical examination will help you arrive at a probable etiological diagnosis. What investigations will help you in confirming your suspicion.
2. Write about the management of a child with Dengue Shock Syndrome. Add a note on the complications.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Breath holding spells
4. Status Epilepticus
5. Diabetic Ketoacidosis management
6. Growth charts
7. Problems during Adolescence
8. Conjugated Pneumococcal vaccine

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

Time: Three Hours **Max. Marks: 100 Marks**

MD PAEDIATRICS
(Revised Scheme)
SOCIAL PAEDIATRICS & PAEDIATRIC EMERGENCIES
PAPER- IV
Q. P. CODE: 7374

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the pathogenesis, clinical findings, laboratory investigations, different diagnosis in treatment of shock.
2. Define perinatal mortality rate (PMR). What are the causes for PMR in India? What steps will you take for reducing the same?

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Management of Salicylate poisoning
4. Scorpion sting – pathophysiology and management
5. Millennium development goal (MDG) for child health under NRHM program
6. Heat related injuries and management of heat stroke
7. High – frequency oscillatory ventilation
8. Nutritional support of the critically ill children

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

[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 level III Neonatal care in current scenario.
2. With a flow diagram, depict the steps in new born resuscitation.

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

3. Utility of anterior fontanelle examination in an infant.
4. Importance of parent-infant bonding.
5. Oligohydramnios.
6. Antenatal screening for down syndrome.
7. Biophysical profile scoring of fetus.
8. Pain management in newborns.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

[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. Describe the anatomy of portal vein discuss the diagnosis and management of a case of portal hypertension
2. A 11 (Eleven) year old female child brought for pubertal delay. How will you approach and manage the case

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

3. Probiotics
4. ELISA test
5. A cellular pertusis vaccine
6. Hyperpyrexia
7. Breathholding spells
8. Acute bronchiolitis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

[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. 5 years old child with a height of 75 cms is brought to you because of "small size". Discuss evaluation and management.
2. Discuss emerging pattern of language development from 6 months of age to 5 years.

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

3. Inter pretation and utility of commonly used growth charts.
4. Asthma predictive index for children.
5. Diagnosis and clinical features of any 2 of the 3 most common human porphyries.
6. Disorder of sexual differentiation, XX.
7. Neonatsl screening for hypothyroidism.
8. Oncologic emergencies.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2012

[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. Discuss the pathophysiology and management of diabetic ketoacidosis
2. Describe the recent advances in the breast milk immunology. What are the recent steps taken to promote breasfeeding practices in India

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

3. Annarbor staging of Hodgkin disease
4. Dietary therapy for phenyl ketonuria
5. Growing pains
6. HLA markers in rheumatoid arthritis
7. Effects of excessive television viewing in Children
8. Brachial plexus injury in neonate.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[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. Enumerate various types of Tachyarrhythmia's management of supraventricular arrhythmia.
2. Outline the normal mechanism of acid base regulation in children, What is anion gap? Describe the causes and management of Metabolic Acidosis.

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

3. Genetic counseling
4. Juvenile Delinquency.
5. Parental nutrition
6. Graft versus host disease.
7. Clinical features and management of distal renal tubular disorders.
8. Pathophysiology of portal hypertension.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[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 Acute Diarrhoea. Write about Etiology, clinical features, investigations, complications and management of Acute diarrhoea
2. Write about definition, etiology clinical features, management, complications and management of acute renal failure in children

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

3. Chronic active hepatitis
4. HPV Vaccine
5. Tricuspid atresia
6. FNAC (Fine Needle Aspiration Cytology)
7. Takayasu's diease
8. Vivax Malaria

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[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. Write on common oncologic emergencies in children. Describe the clinical features, lab findings and management of tumour lysis syndrome
2. Describe pathophysiology, clinical features and management of ARDS

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

3. Complications of snake envenomation
4. Grand parents role in disciplining of children
5. Role of radionucleide in pediatrics
6. Role of pediatrician in disaster management
7. Anticipatory guidance
8. Challenges of STD control in adolescence

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[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. You are posted in a village where the prevalence of anemia among children < 5 years is very high. Discuss the steps you will undertake to improve the status.
2. 10 year old child is brought to you in a comatosed condition.. How will you evaluate and manage?

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

3. Utility of Mid parental height measurement
4. Emergency management of a child with known cardiac disease brought in shock
5. Management of accidental kerosene ingestion
6. Home based newborn care
7. Oxygenation index in critical care
8. Newer anti Malarial drugs

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