Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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

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

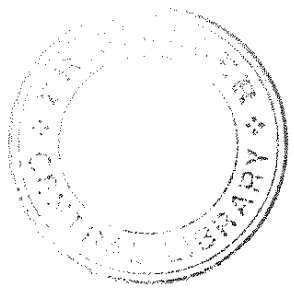
Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

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

1. How are birth defects classified? Write about recommended anticipatory guidelines in a child with Down Syndrome.
2. Write about glucose homeostasis in the neonate. How would you approach a neonate weighing 2kg at birth with seizures from Day 1.

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

3. Chorioamnioniitis
4. Biophysical profile in assessing fetal well being
5. Retinopathy of Prematurity
6. Immunological advantages of breast feeding
7. Maternal drugs and pregnancy
8. Neonatal Symptoms and signs requiring reassurance



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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 6 year old boy is brought to you with joint pain and swelling. How would you approach this problem. Add a note on the management of any one.
2. What are the primary immunodeficiency disorders? When do you suspect? Briefly outline your approach to such a child.

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

3. Growth Velocity curves.
4. Principles of development
5. Pica
6. Obesity - prevention
7. Status Asthmaticus
8. Lactic Acidosis

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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

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

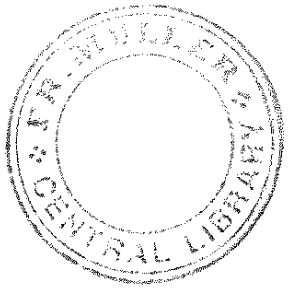
Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

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

1. A 8 year old, 105cms tall child is brought for a check up. What points in history and physical examination will help you arrive at a probable etiological diagnosis. Outline the long term management of any one of them.
2. Discuss acute renal failure in children – etiology, work-up, complications and treatment.

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

3. Acute Flaccid Paralysis Surveillance
4. Conjugated H. Influenza Vaccine
5. Neurocutaneous markers
6. Micronutrients
7. Glargine
8. Pulmonary Arterial Hypertension



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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Oct/Nov 2014

[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

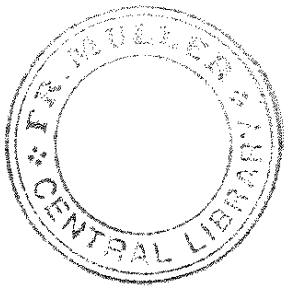
LONG ESSAY **2 X 20 = 40 Marks**

1. Classify the causes of respiratory failure in children. Discuss the evaluation and management

2. Define Handicap. Classify handicapped children and list the causes of each. Describe the various approaches to prevent handicap in children

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

3. Anaphylxis
4. Hypernatremic dehydration
5. Scorpion envenomation
6. Rights of the child
7. Invasive candidiasis in ICU
8. Juvenile delinquency



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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

PAEDIATRICS

FOETAL AND NEW BORN

PAPER – I

(Revised Scheme)

Q.P. CODE: 7371

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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. An 8 day old neonate presents with persistent bleeding from the umbilical stump. Discuss the evaluation and management
2. Describe fetal circulation. Discuss the pathophysiology, clinical features and management of persistent pulmonary hypertension in the newborn

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

3. Neonatal screening program
4. Congenital cataract
5. Arterial blood gas analysis in newborn
6. Nososcomial infection in NICU
7. Surfactant therapy
8. Periventricular leucomalacia

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2014

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

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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. 2 years old child is brought to you because of "funny genitalia". Discuss evaluation and management.
2. Discuss emerging pattern of social development from 6 months of age to 5 years.

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

3. Atopic dermatitis-clinical feature, management.
4. Gender identity Disorder.
5. Complementary feeding.
6. Late effects of chemo and radiotherapy.
7. Home management of asthma exacerbation.
8. Follow up of a child with severe factor 8 deficiency.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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

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

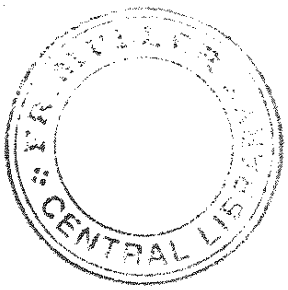
Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

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

1. Discuss the epidemiology, clinical features, complications and management of meningitis beyond the neonatal period.
2. A 14 year old boy is brought to you for not growing as well as his peers. How will you arrive at a likely cause from history and physical examination. Briefly outline the role of investigations in confirming your suspicion.

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

3. Zonisamide
4. Human Papilloma Virus Vaccine
5. Syncope
6. Cataract
7. Polycystic Ovarian Syndrome
8. Haemophagocytosis



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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

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

1. Define status epilepticus. How will you manage a 5yr old child with status epilepticus.
2. Define infant mortality rate. What are the common causes of infant mortality in India and what initiatives have been taken to reduce infant mortality in India.

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

3. Management of accidental overdose of paracetamol
4. Ectodermal dysplasia
5. Staphylococcal scalded skin syndrome
6. Hib vaccine
7. Management of scorpion sting
8. Pulse polio programme

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Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination - May 2014

[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

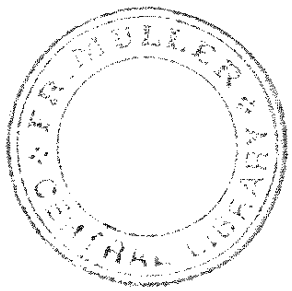
LONG ESSAY **2 X 20 = 40 Marks**

1. Term baby born to O+ ve mother presenting with jaundice on first day of life, how will you approach and its management?
2. Discuss the problems observed in infants of diabetic mothers (IDMS).

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

3. Physiological problems in newborn babies
4. Beckwith Weideman syndrome
5. Congenital Rubella syndrome
6. Inborn Errors of Metabolism (IEM) that are potentially lethal in the new born
7. Polycystic kidney disease in the newborn
8. Prevention and treatment of metabolic bone disease of Prematurity

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Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination - May 2014

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

PAEDIATRICS
FETAL AND NEONATAL MEDICINE
PAPER – II
(Old Scheme)
Q.P. CODE: 7362

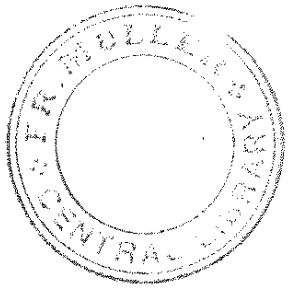
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

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

1. Classification of epilepsy, and management of status epilepticus
2. Pathogenesis, laboratory evaluation, management of acute disseminated intra vascular coagulation

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

3. Wilm's tumour
4. Lung function abnormalities in asthma
5. Megaloblastic anemia
6. Cyclosporine
7. Thumb sucking
8. SMR staging



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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

[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. Vesico ureteral reflux, its classification, clinical manifestation and management of reflux
2. How do you approach a child with hypertension?

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

3. Probiotics and Prebiotics
4. Vaccine derived polio virus
5. TAPVC
6. Anti phospholipid antibody syndrome
7. Common adolescent health problems
8. Rota virus vaccine

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Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination – May 2014

[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 in detail about the causes, pathophysiology and management of diabetic ketoacidosis.
2. Discuss in detail about the National Health Programs in India.

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

3. High frequency oscillatory ventilation
4. Snake bite
5. Anaphylaxis
6. Child labour
7. Management of raised intracranial pressure in children
8. Management of septic shock in children

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