Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

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

PAEDIATRICS

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.

Answer all the Questions **10 X 10 = 100 Marks**

1. Discuss the diagnostic approach and treatment of anemia in a neonate.

2. 3 day old male infant on exclusive breast feeds presents with lethargy and fait breathing on day 3, with history of sibling death. Discuss the etiology and its management.

3. High frequency ventilation.

4. Transport of a sick neonate.

5. Approach to antenatally diagnosed hydronephrosis.

6. Management of refractory hypoglycemia.

7. Conjugated hyperbilirubinemia in newborn.

8. Fetal therapy.

9. Congenital hypothyroidism.

10. Intraventricular hemorrhage.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY-2019

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

PAEDIATRICS
GENERAL PAEDIATRICS –I
PAPER – II
Q.P. CODE: 7372

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

Answer all the Questions **10 X 10 = 100 Marks**

1. 6 year old child is brought with history of not able to sit quietly and learn in the class. What are the possible causes, and how do you evaluate and treat?
2. Child of 5 years age has height of 85 cms and weight of 12 kg. How do you evaluate and treat it?
3. Evaluation and treatment of child with congestive cardiac failure.
4. Evaluation of a child with convulsions with suspected inherited metabolic disease (IEM).
5. Describe briefly causes, presentation and management of renal tubular disease in children.
6. Juvenile hypothyroidism.
7. Write the causes, evaluation and treatment of Malabsorption syndrome in children.
8. Write a note on recurrent wheeze in a young child.
9. Write a note on dengue fever in Infants.
10. Bedaquilline.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

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

PAEDIATRICS
GENERAL PAEDIATRICS –II
PAPER – III
Q.P. CODE: 7373

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

Answer all the Questions **10 X 10 = 100 Marks**

1. Discuss the importance of urine examination in paediatric clinical medicine.
2. Discuss RNTCP regimen for treatment of childhood tuberculosis.
3. Diagnosis and management of Leptospirosis.
4. Congenital mega colon.
5. Diagnosis and management of congenital dislocation of hip.
6. Gene therapy.
7. Hepatitis A vaccine.
8. Antihypertensive drugs in children.
9. Radiological findings in Scurvy and rickets.
10. Hydrocephalus.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

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

PAEDIATRICS
Social Paediatrics and 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 The Questions **10 X 10 = 100 Marks**

1. Discuss acid base balance and its clinical application.
2. Define and classify respiratory failure, approach and management.
3. Infant mortality rate
4. Raised ICP, etiology, clinical features and management
5. OP poisoning
6. Sickle cell crisis
7. Cricothyrotomy
8. Pulse oximetry and capnography
9. Define shock. Mention the causes, clinical features and management of shock in children.
10. Examination of Eye and ENT in comatose child

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 12-Nov-2019

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

PAEDIATRICS
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.

Answer All The Questions **10 X 10 = 100 Marks**

1. Enumerate the various modalities for testing the assessment of fetal wellbeing during antenatal period.
2. Write the standardized approach of preterm baby resuscitation, stabilization, management and transfer from the labour room to the neonatal unit.
3. Define, enumerate the risk factors, histopathology features and management of Bronchopulmonary dysplasia.
4. Discuss the etiology, clinical features, investigation of management of neonatal thrombocytopenia.
5. Outline the causes of pathological jaundice in a neonate. Discuss the management and investigation for prolonged neonatal jaundice.
6. Discuss the risk factors, etiopathogenesis, clinical features and management of necrotizing enterocolitis.
7. A 48 hours old term neonate presenting with cyanosis, hypotension and suspected congenital cyanotic heart disease. Discuss the differential diagnosis, investigation and management.
8. Outline the differential diagnosis, clinical manifestation, investigations and management of term neonate presenting with bilious vomiting.
9. Define, enumerate the risk factors, clinical features, investigation and management of newborn with early onset sepsis.
10. Define perinatal asphyxia, etiopathogenesis, staging, clinical features, investigations and management of Hypoxic Ischemic encephalopathy.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - 14-Nov-2019

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

PAEDIATRICS - PAPER – II
GENERAL PAEDIATRICS –I
Q.P. CODE : 7372

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Diagnosis and management of Autism.
2. How do you approach stroke in young children?
3. Platelet transfusion.
4. Non-organic failure to thrive.
5. Nutrition rehabilitation centre.
6. Management of hypocalcaemia.
7. Urticaria.
8. Bone age assessment and its application.
9. Adolescent vaccination.
10. Normal anion gap metabolic acidosis.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 16-Nov-2019

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

PAEDIATRICS - PAPER – III
GENERAL PAEDIATRICS –II
Q.P. CODE: 7373

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

Answer All The Questions. **10 X 10 = 100 Marks**

1. What are the causes of chronic renal failure (CRF) in children? How will you investigate and manage a child with CRF?
2. Briefly write about the factors which determine the need, dose and timing of vaccination. Write about the recommended immunization schedule for our country. Add a note on optional vaccines – type, dose and recommended ages.
3. Genetic counseling.
4. Psychological development during Adolescence – and its implications.
5. Liver function tests.
6. Dopamine in paediatric practice.
7. Progressive primary complex and add a note on multi drug resistant tuberculosis.
8. Kawasaki disease.
9. Nocturnal enuresis.
10. GER (Gastro Esophageal Reflux).

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 18-Nov-2019

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

PAEDIATRICS - PAPER – IV
Social Paediatrics and Paediatric Emergencies
Q.P. CODE: 7374

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

Answer All The Questions **10 X 10 = 100 Marks**

1. What are the types of shock occurring in children and write signs and symptoms of compensated and uncompensated shock and management of septic shock.
2. What are the treatment options for managing supraventricular tachycardia?
3. Management of Acute Severe Asthma in Emergency department.
4. Write the clinical features, management of Autoimmune encephalitis.
5. Polysaccharide vaccines.
6. Clinical features and management of whooping cough.
7. Approach to a child with persistent diarrhea.
8. Evaluation of a child suspected with chest pain.
9. Nutritional management plan for a cerebral palsy child.
10. Clinical features and management of Iron poisoning.

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