Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 07-May-2022

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

PAEDIATRICS - PAPER – I (RS-2/RS-3)
FOETAL AND NEW BORN
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 differential diagnosis of respiratory distress in a preterm baby.
2. Fetal Echocardiography.
3. Discuss tests for intrapartum assessment of fetal well being.
4. Describe the pathophysiology of Rh hemolytic disease.
5. Discuss the etiopathogenesis and prevention of intracranial hemorrhage in newborns.
6. Discuss indications and methods of therapeutic hypothermia.
7. Describe the etiology clinical features and management of meningitis in newborn.
8. Indications and contraindications for use of Extracorporeal Membrane Oxygenation (ECMO) in neonates.
9. Erb's palsy.
10. Vaccination for high risk neonate.

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M.D. Degree Examination - 09-May-2022

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

PAEDIATRICS - PAPER – II (RS-2/RS-3)
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. Discuss the differential diagnosis of wheezing in infancy.
2. Discuss investigations and treatment options for Duchenne muscular dystrophy.
3. Iron chelators in β Thalassemia Major.
4. Discharge criteria for a child with severe acute malnutrition.
5. Indian developmental screening tools.
6. Clinical features and prognostic factors in neuroblastoma.
7. Describe physiology of puberty.
8. Clinical features of Galactosemia.
9. Treatment of allergis rhinitis in children.
10. Bell's palsy.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 11-May-2022

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

PAEDIATRICS - PAPER – III
(RS-2/RS-3)
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. Discuss the principles of fluid therapy in children. Briefly outline the management of deficit in hyponatremic and hypernatremic dehydration.
2. Enumerate renal function tests. Outline the diagnosis and management of haematuria in children.
3. Congenital tuberculosis.
4. Third generation cephalosporins.
5. Ebstein anomaly.
6. Imperforate Anus.
7. Flat foot.
8. Gastro-esophageal reflux.
9. Juvenile idiopathic arthritis.
10. Discuss laboratory tests in PEM (Protein Energy Malnutrition).

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M.D. Degree Examination – 13-May-2022

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

PAEDIATRICS - PAPER – IV (RS-2/RS-3)
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. How will you evaluate and manage a 9 years old boy with fulminate hepatic failure?
2. Discuss the Government initiatives to improve the child health in India.
3. Baby Friendly Hospital Initiative.
4. Near drowning.
5. Management of Status Asthamaticus.
6. Under five clinic.
7. Management of hypertensive crisis.
8. Child labour.
9. Newer vaccines.
10. Severe Acute Malnutrition.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 15-Nov-2022

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

PAEDIATRICS - PAPER – I (RS-2/RS-3)
Foetal and New Born
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 clinical manifestations of diseases in the new born period.
2. Discuss foetal circulation and changes at birth. Clinical features and management of persistent pulmonary hypertension (PPHN).
3. Necrotising enterocolitis
4. Define IUGR. Causes and management of foetal IUGR.
5. Hypoxic ischemic encephalopathy
6. Surgical causes of Respiratory distress in the new born
7. Causes, clinical features and management of Polycythemic new born
8. ECMO
9. Neonatal Pathological Jaundice
10. Ionotropes in neonatology

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M.D. Degree Examination - 17-Nov-2022

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

PAEDIATRICS - PAPER – II (RS-2/RS-3)
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. Discuss etiopathogenesis, clinical features, diagnosis and treatment of empyema in children.
2. Discuss prevention of migraine in children.
3. Discuss the approach to a child with pancytopenia.
4. Micronutrients.
5. Describe the development of language in a normal child.
6. Craniopharyngioma.
7. Discuss clinical features, diagnosis and treatment of Growth Hormone deficiency.
8. Clinical features of Hurler Disease.
9. Describe home management of asthma exacerbations.
10. Describe the clinical features and investigations in Guillian Barre Syndrome.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 19-Nov-2022

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

PAEDIATRICS - PAPER – III
(RS-2/RS-3)
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. Discus complications of Varicella infections in children.
2. Discuss diagnosis and management of Gastro Esophageal Reflux Disease (GERD).
3. Liver transplantation in children.
4. Rotavirus vaccine.
5. Approach to a children with hematuria.
6. Clinical features and management of patent ductus arteriosus (PDA) in a 1 year old.
7. Laryngomalacia.
8. Osteogenesis Imperfecta.
9 Diagnostic criteria and treatment of Kawasaki Disease.
10. Importance of communication in pediatric practice.

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M.D. Degree Examination – 21-Nov-2022

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

PAEDIATRICS - PAPER – IV (RS-2/RS-3)
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. PICA and its complications.
2. Differentiate cyanotic spell from Breath holding spell.
3. Evaluation of child suspecting recurrent abdominal pain.
4. District Early Intervention Centre (DEIC).
5. Management of organophosphorous poisoning.
6. Differential Diagnosis of a child with fever and rash.
7. Write the etiology, clinical features, investigation and management of Infective Endocarditis.
8. Write the causes, differential diagnosis and management of unconscious child.
9. Clinical signs and symptoms associated with congestive cardiac failure in children.
10. Rotavirus vaccine.

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