

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - July 2021

Time: 3 Hrs

Max Marks: 100

M.D PAEDIATRICS

Paper-1

QP Code: P3111

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

- Describe various birth injuries and outline their management. (3+6)
- A 42 wk gestation mother has thick meconium staining of liquor. What steps will you take during delivery? The baby develops respiratory distress after birth. How will you manage this baby? What are the complications? (3+5+2)
- Describe the recent updates in Indications, dosage and complications of blood components transfusion of in neonates. (2+3+5)
- 4. Describe etiopathogenesis of neonatal seizures and management of Resistant Neonatal Seizure. (4+6)
- Describe causes, types, common problems and management of small for date babies. (3+2+3+2)
- What is sepsis screening? How do you manage neonatal septicemia. (3 +7)
- Describe diagnosis and management of persistent neonatal jaundice at the age of 3 weeks in a term baby. (5+5)
- Describe the new theories of pathogenesis, clinical features and management of an asphyxiated newborn baby. (5+2+3)
- 9. What are various Screening methods of inborn errors of metabolism and their clinical significance?
- Describe the role of Point of care Functional Echocardiography in NICU.

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M.D PAEDIATRICS

Paper- II

QP Code: P3112

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LONG ESSAY

- Clarify the concept of evidence based medicine. Define strength of evidence and quality of evidence. Provide suitable examples to justify your definitions. (2+2+6)
- 2. What is developmental screening? Describe common developmental screening tests. (3+7)
- 3. Describe the clinical approach and investigations in a child with precocious puberty. (5+5)
- Define childhood obesity. Describe the approach to diagnosis and management of childhood obesity.
 (2+4+4)
- Define stridor. One year old child is brought with sudden onset of stridor. Describe the diagnosis and treatment of this child. (1+4+5)
- 6. Describe the recent Updates in management of childhood Epilepsy.
- Describe the pathophysiology, clinical manifestations, differential diagnosis and management of congenital hydrocephalus. (2+2+2+4)
- Explain the pathophysiology, diagnosis and management of children with disseminated intravascular coagulation (DIC). (3+3+4)
- A 8 yr old child is brought with a history of vomiting and severe abdominal pain of 2 days duration.
 On examination she is dehydrated, acidotic breathing is present. Her RBS is 400mg/dl. Describe the management of this child.
- Differentiate between anorexia nervosa and bulimia nervosa. Describe regarding anorexia nervosa.
 (5+5)

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M.D PAEDIATRICS
Paper- III QP Code: P3113

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LONG ESSAY

- 1. How do you classify congenital cyanotic heart disease? Describe their investigations.(3+7)
- A 10 yr old child is brought with swelling of joints and fever of 1 month duration. How will you investigate the child? What are the steps in the management? (3+7)
- 3. Describe etiology, clinical features and management of gastroesophageal reflux in children. (2+3+5)
- Define malabsorption. Enumerate the generalized and specific malabsorption states. Describe the investigative plan for a child with generalized malabsorption. (2+4+4)
- Describe the grades of vesico-ureteric reflux. Describe the management of a child with recurrent urinary tract infection with grade 4 vesico-ureteric reflux. (4+6)
- 6. Describe the causes of end stage renal disease in children and Describe its management. (4+6)
- 7. Describe newer drugs for Tuberculosis prevention and Treatment in children
- Define biomedical waste. Describe its hazards. Outline modes of disposal of biomedical waste generated in a hospital setting. (1+2+7)
- Describe classification, pathogenesis, management and complications of Juvinile Idiopathic Arthritis.
 (2+2+4+2)
- Outline development of normal hearing in children. List causes of Hearing impairment in a I year old child and its diagnostic approach. (4+2+4)

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M.D PAEDIATRICS

Paper- IV QP Code: P3114

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LONG ESSAY

- Describe management of COVID-19 positive neonate including testing criteria, feeding practices and Multisystem Inflammatory Syndrome (MIS-N) and a note on COVID-19 guidelines for neonatal resuscitation
- 2. Describe Non-pharmacological methods in pain management in children.
- Describe the composition of rat poison. Desribe the clinical features and management of a child with accidental ingestion of rat poison. (2+3+5)
- Decribe the indications, procedure, complications of Extracorporeal Membrane Oxygenation in Pediatrics (ECMO). (3+4+3)
- Describe epidemiology and prevention of accidents in children. (5+5)
- Define child abuse. Describe in brief the factors responsible for child abuse. Outline management of a child who is suspected of being abused. (2+3+5)
- 7. Describe recent updates in Baby Friendly Hospital Initiative (BFHI).
- Write briefly about different types of vaccine against rabies. Describe various schedules of pre and post-exposure prophylaxis for rabies. (4+4)
- Describe the criteria or conditions to be considered for approving a newer vaccine in an immunization program of a developing country.
- 10. What are trisomies? What are predisposing factors? Describe clinical features of 3 common trisomies seen in clinical practice? (2+2+6)