

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(ADEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination -November 2022

Time : 180 Minutes

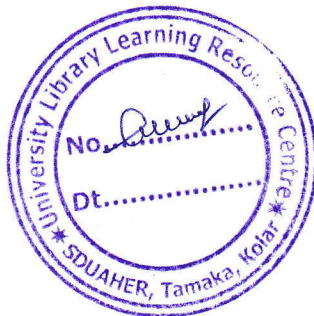
MaxMarks : 100 Marks

Date : 21-11-2022

MD Paediatrics – QP Code – P3111

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

1. Define chronic lung disease (CLD) in neonates. Describe risk factors, clinical features and management of CLD. (1+3+2+4)
2. A term new born baby on exclusive breast feeding has presented with bleeding per rectum on the 10th day of life. Describe the differential diagnosis, clinical evaluation and management of the case. (4+3+3)
3. Describe the causes, clinical features and management of neonatal thrombocytopenia. (3+3+4)
4. What is the principle of newborn screening? Describe the newborn screening done in clinical practice. (4+6)
5. Describe the indications, procedure and complications of exchange transfusion. (3+5+2)
6. What are the clinical features of osteopenia of prematurity? Describe its management. (5+5)
7. Classify neonatal seizures. Describe etiology and provide a brief clinical description. Provide general principles of management of a seizure in neonate. (2+2+2+4)
8. What are the causes of Fetal Hypoxia? Describe pathophysiology of Fetal Hypoxia. Describe stages of hypoxic ischemic encephalopathy (HIE). (2+4+4)
9. Describe the impact of pain on a preterm neonate. Identify common procedures associated with pain in a new born. Describe the strategies for pain management in newborn (3+3+4)
10. Describe bilirubin metabolism. Outline the principles of phototherapy for treatment of neonatal jaundice. List factors that influence the efficacy of phototherapy. (3+3+4)



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Paediatrics Paper II – QP Code – P3112

*Your answer should be specific to the question asked
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1. Describe etiology, clinical features and the treatment of zinc deficiency in children. (2+2+6)
2. Define failure to thrive (FTT). Describe etiology, classification, clinical features and management of FTT. (1+2+1+2+4)
3. What is obstructive sleep apnea in children? Describe common causes, management and complications of obstructive sleep apnea syndrome(OSAS).(1+2+3+4)
4. Describe the epidemiology, etiology, pathology, clinical features, and management of pyogenic meningitis in an infant. (1+1+2+2+4)
5. A 3yr old child is brought with history of convulsions and loss of acquired mile stones. Describe the diagnosis and management of this child. (5+5)
6. Describe the development of genitourinary system and the factors responsible for the development of Ambiguous genitalia . (5+5)
7. Describe the recent Indian Academy of Pediatrics (IAP) guidelines in approach to a child with Autism Spectrum disorders.
8. Explain the pathophysiology, diagnosis and management of children with disseminated intravascular coagulation (DIC). (3+3+4)
9. Define childhood obesity. Describe the approach to diagnosis and management of childhood obesity. (2+4+4)
10. Explain the clinical approach to a child with short stature. Write a plan of management of 5 year old child with growth hormone deficiency.(6+4)



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Date : 25-11-2022

MaxMarks : 100 Marks

Paediatrics Paper III – 2022 P- 3113

*Your answer should be specific to the question asked
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1. How do you classify congenital cyanotic heart disease? Describe their investigations.(3+7)
2. Define gastro esophageal reflux disease (GERD). Describe its clinical features, diagnosis and treatment. (2+2+3+3)
3. Describe the etiological factors, clinical manifestations and management of children with UTI.(3+2+5)
4. Describe etiology, clinical features and management of acute kidney injury in children. (2+2+6)
5. What are the opportunistic infections in child with HIV infection? How will you manage them?(4+6)
6. Define vasculitis. Classify vasculitis. Describe clinical features and management of Kawasaki disease. (1+3+2+4)
7. Describe the etiopathogenesis of acute suppurative otitis media. Describe the treatment and complications of acute suppurative otitis media (ASOM) in children. (4+4+2)
8. Describe etiopathogenesis, clinical features and management rickettsial fever. (3+2+5)
9. A 12-year child brought with migratory swelling of large joints, fever and breathlessness. How will you investigate this child? What are the steps involved in his management? How will you prevent its recurrence? (3+5+2)
10. Define probiotics and prebiotics. Outline their important properties and mechanisms of action. Enlist four most important indications of their clinical use in Pediatric clinical practices. (2+4+4)



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*Your answer should be specific to the question asked
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1. Describe the pathogenesis, clinical features and management of scorpion sting. (2+3+5)
2. Describe the adverse injurious effects of environmental pollution in children.
3. Define Child Abuse. Describe clinical manifestations of Child Abuse. Describe some useful investigations in a suspected case of Child Abuse. (2+3+5)
4. How will you organize school health service in the community?
5. Describe recent advances in the diagnosis of tuberculosis.
6. A couple has a child with Down Syndrome. Outline the principles of genetic counseling and antenatal management for the subsequent pregnancy. (5+5)
7. Describe diagnostic criteria of brain death.
8. Define sudden infant death syndrome (SIDS). What are the causes and steps taken to prevent SIDS? (2+3+5)
9. Provide classification of burns injury. Describe the clinical manifestation of electrical burns. Outline emergency management of a child with 20% burns. (2+3+5)
10. Describe immunization of a child with asplenia.

