

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Diploma Examination - June/July 2020**

**Time : 3 Hrs**

**Max Marks : 100**

**DIPLOMA IN CHILD HEALTH (D.C.H)**

**Paper-I**

**QP Code: D2111**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. What are the types of air leaks that can occur in the neonate? Describe the diagnosis and management of air leaks in the neonatal period. (Marks - 2+4+4)
2. Describe hyperglycemia in the newborn.
3. Enumerate the causes of congestive cardiac failure in newborn and describe its management. (Marks - 3+7)
4. Classify the causes of Stridor in new born and describe the management of a neonate with congenital laryngeal web. (Marks - 6+4)
5. Describe the etiology, clinical features, management and prognosis of Hypoxic ischemic encephalopathy in neonates. (Marks - 2+3+3+2)
6. Describe the general goals of shock management, including initial treatment priorities, monitoring and ongoing management. (3+2+2+3)
7. Describe the etiopathogenesis, clinical features and management of SIADH. (Marks-5+3+2)
8. Describe etiopathogenesis of anaphylaxis. Outline the emergency management of 4yr old girl with anaphylaxis. (Marks - 4+6)
9. Describe the etiology, pathophysiology, clinical features and management of respiratory alkalosis. (Marks - 2+2+3+3)
10. Describe the recognition and management of a child as outlined in the Pediatric basic life support algorithm. (Marks - 5+5)

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**DIPLOMA IN CHILD HEALTH (D.C.H)**

**Paper-II      QP Code: D2112**

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**LONG ESSAY**

**10 X 10 = 100**

1. Define gynaecomastia. Explain the etiology and management in children. (Marks -1+4+5)
2. Define short stature. Describe the approach to a child with short stature. (Marks - 2+8)
3. Define Anorexia nervosa. Explain the pathophysiology and management. (Marks - 2+3+5)
4. A 10 yr old child presented with swelling of joints and fever of 1 month duration. How will you investigate the child? What are the steps in the management? (Marks - 5+5)
5. Describe etiopathogenesis, clinical features and management of obstructive sleep apnea in children. (Marks - 3+3+4)
6. Describe the causes, clinical features and management of chronic liver disease. (Marks -2+3+5)
7. Describe the diagnostic approach and management of renal tubular acidosis. (Marks -5+5)
8. Describe etiopathogenesis, clinical features and management of Febrile seizures. (Marks - 3+3+4)
9. A 6 yr old child is brought with history of fever, fatigue and bleeding for 7 days. Describe the differential diagnosis and management. (Marks -5+5)
10. Describe etiology, clinical features and management of Cushing's syndrome in children. (Marks - 3+3+4)

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**DIPLOMA IN CHILD HEALTH (D.C.H)**

**Paper-III      QP Code: D2113**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the recent advances in diagnosis and management of juvenile idiopathic arthritis. (Marks - 5+5)
2. Describe the development of aorta. Describe the hemodynamics and clinical features of coarctation of aorta. (Marks - 3+3+4)
3. Describe Genetic counseling.
4. Describe the fate of primary pulmonary complex in children. Describe the treatment of pulmonary tuberculosis as per recent NTEP guidelines? (Marks - 3+7)
5. Describe etiopathogenesis, clinical features and management of Henoch Schonlein Purpura. (Marks - 2+3+5)
6. Describe the approach to an 8 year old child with chronic cough.
7. Describe the etiology and management of nocturnal enuresis. (Marks - 5+5)
8. Describe Meningococcal vaccine and Japanese encephalitis vaccine. Explain their immunisation schedule as per Indian Academy of Paediatrics (IAP). (Marks - 6+4)
9. List the child health programmes in India. Describe reproductive and child health (RCH) programme. (Marks - 4+6)
10. Describe recent advances in the diagnosis of tuberculosis.