

**Post Graduate Diploma Examination - May 2018**

**Time : 3 Hrs**

**Max Marks : 100**

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

**Paper - I**

**Paper Code : RS-D3251**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Discuss the maternal and fetal reflexes involved in lactation.
2. How will you approach a neonate with ambiguous genitalia?
3. Enumerate the medications used in pediatric resuscitation along with the mechanism of action, dosage and side effects.
4. Discuss the pathophysiology and management of hypoxic ischemic brain injury in the newborn.
5. Discuss about head cooling and total body cooling in HIE.
6. Discuss the diagnosis and management of status epilepticus.
7. Discuss maintenance and replacement fluid therapy. How will you treat hypernatraemic dehydration?
8. Describe clinical features, Pathophysiological events and management in scorpion sting envenomation
9. Discuss the etiology, pathophysiology, clinical features and management of respiratory alkalosis.
10. Discuss recognition and management of a child as outlined in the pediatric bradycardia with a pulse and poor perfusion algorithm.

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**Paper - II**

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**LONG ESSAY**

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1. Discuss the etiopathogenesis, clinical features and management of failure to thrive. (4+3+3)
2. Discuss the changes taking place in body during puberty.
3. Define Protein-energy malnutrition. Discuss the pathophysiology, clinical features and management of marasmus.
4. Describe the risk factors, clinical features and management of child with Infective endocarditis.
5. Discuss the management of 9m old infant presenting with sudden onset of acute breathlessness without any significant previous illness or symptoms.
6. Discuss the etiology, clinical features and management of acute pancreatitis in children. (2+3+5)
7. Describe the causes of end stage renal disease in children and discuss its management. (4+6)
8. Discuss the approach to a child with syncope.
9. Discuss etiopathology, clinical features and management of Disseminated intravascular coagulation. (3+2+5)
10. Discuss the approach to a case with polyuria. Discuss the management of Diabetes insipidus. (5+5)

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

**Paper - III**

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**LONG ESSAY**

**10 X 10 = 100**

1. Describe iron metabolism . Discuss the role of iron in health and disease
2. Discuss the mode of transmission and risk factors for perinatal transmission of HIV infection. What are the strategies which may be used to reduce transmission?
3. Describe the pathogenesis, clinical features and management of tetanus in children
4. Discuss primary immuno deficiency diseases ?
5. Discuss the physiology of micturition. Describe about voiding dysfunction in children. (4+6)
6. Enumerate common causes of blindness in children in India. Discuss the opthalmic changes and management of vit A deficiency
7. Discuss the diagnostic criteria and management of attention deficit hyperactivity disorder
8. Discuss about the various steps taken by the government to reduce Infant mortality rate in India.
9. Discuss route of administtration , dose , adverse effects and immunisation schedule of IPV vaccine.
10. Discuss recent advances in the management of pediatric epilepsy.