

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - Apr/ May 2019

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. Enumerate diseases requiring foetal therapy and various modes of providing foetal therapy. Discuss antenatal diagnosis and foetal therapy of any TWO diseases. (Marks - 3+3+4)
2. Outline the approach to a newborn with suspected metabolic disorder
3. Discuss the pathogenesis, clinical features, diagnosis and treatment of perinatal Herpes simplex virus (HSV) infection.
4. Classify the causes of Stridor in new born and discuss the management of a neonate with congenital laryngeal web. marks - 6+4
5. Discuss Thermo regulation in new born and management of hypothermia in new born.
6. Define respiratory failure in children. What are the causes of respiratory failure? A child of 1 yr with bronchiolitis is admitted to emergency ward. How do you assess for respiratory failure and how do you manage?
7. Discuss the etiopathogenesis, clinical features and management of SIADH (6+2+2)
8. Discuss pathophysiology and management of snake bite.
9. Outline the normal mechanism of acid base regulation in children. What is anion gap? Describe the causes and management of metabolic acidosis.
10. Describe the etiology, pathophysiology and management of drowning and submersion injuries in children.

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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 puberty and adolescence. Discuss the psychological problems in puberty.
2. Discuss the age appropriate toys for children. Mention the relevance of play therapy. (5+5)
3. State Frank Starling law. Discuss the factors which affect cardiac output. Outline the management of cardiogenic shock in a child.
4. Discuss the hemodynamics, clinical features and management of coarctation of aorta.
5. Discuss the etiopathogenesis, clinical features and management of a child with empyema thoracis.
6. A 5yr old child presented to emergency room with a history of 2 bouts of massive hematemesis. On examination the child was pale and BP was 90/60 mm Hg. Discuss the emergency room management of this child. After the child is stabilized what laboratory tests would you do in this child? Discuss the differential diagnosis and management.
7. Discuss renal replacement therapy in children.
8. Discuss the pathophysiology, clinical manifestations, differential diagnosis and management of congenital hydrocephalus. (2+2+2+4)
9. Classify haemolytic anemia. Discuss clinical features and management of G6PD deficiency anemia. (4+3+3)
10. Describe thyroid hormone synthesis. Discuss clinical features and management of congenital hypothyroidism. (3+3+4)

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DIPLOMA IN CHILD HEALTH (D.C.H)

Paper-III QP Code: D2113

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LONG ESSAY

10 X 10 = 100

1. Discuss the role of zinc in health and disease in children.
2. Describe various types, interpretation and uses of growth charts.
3. Discuss emerging newer infectious diseases in children.
4. Describe the life cycle of ascaris lumbricoides. Discuss the clinical features, complications and management of ascariasis.
5. Discuss the indications and side effects of intravenous immunoglobulins in children.
6. Describe the normal fundus. Discuss the fundal changes in pediatric systemic illness.
7. Enumerate Pervasive developmental disorders. Discuss the criteria for diagnosis of autistic disorder and outline the treatment.
8. Discuss the importance of under 5 clinics in India.
9. Discuss the route of administration , dose , adverse effects and immunisation schedule of rota virus vaccine.
10. Discuss recent advances in the management of asthma.