

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

Post Graduate Degree Examination - Apr/May 2019

Time : 3 Hrs

Max Marks : 100

M.D PAEDIATRICS

Paper-I QP Code: P3111

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Enumerate the newer recommendations of neonatal resuscitation by American Academy of Pediatrics 2017 guidelines. Comment on the level of evidence for each of the changes.
2. List the causes of respiratory distress in preterms. Outline the principles of surfactant therapy in preterms. Describe the complications of oxygen therapy in newborns.
3. What are the causes of anemia in new born? Discuss the management of anemia in a newborn.
4. A term baby develops convulsions at 12 hours of age. What are the likely causes? How will you investigate and manage the child?
5. Discuss the concept of "early aggressive nutrition" in preterm neonates.
6. Discussion prevention of mother to child transmission of Human immunodeficiency virus infection.
7. Describe bilirubin metabolism. Outline the principles of phototherapy for treatment of neonatal jaundice. List factors that influence the efficacy of phototherapy.
8. Discuss clinical and laboratory correlation of neuromotor outcome of birth asphyxia.
9. Describe the etiopathogenesis of persistent pulmonary hypertension (PPHN). Discuss the diagnosis and management of PPHN.
10. Discuss risk factors and management of developmental dysplasia of hip.

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

Post Graduate Degree Examination - Apr/May 2019

Time : 3 Hrs

Max Marks : 100

M.D PAEDIATRICS

Paper-II QP Code: P3112

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 Mendelian patterns of inheritance? What are the characteristics of X-linked recessive disorder? Draw a pedigree chart over 4 generations depicting X-linked recessive disorder.
2. Discuss the clinical approach and investigations in a child with delayed puberty. (Marks - 5+5)
3. What is developmental delay? Describe different tools used for screening of developmental delay.
4. Describe fat absorption. Discuss the role of medium chain triglycerides(MCT) in nutrition.
5. . Discuss pathophysiology, clinical features and management of a 6 year old child with cystic fibrosis.
6. Discuss tics in children.
7. Discuss the etiology, clinical features and management of Duchenne muscular dystrophy. (2+3+5)
8. What are the differences between bleeding and clotting disorders? Discuss clinical features and management of factor VIII deficiency. (3+3+4)
9. Classify rickets and discuss the management of resistant rickets?
10. Describe glucose metabolism in body. Discuss pathogenesis, clinical manifestation, diagnosis and management of Pompe disease.

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

Post Graduate Degree Examination - Apr/May 2019

Time : 3 Hrs

Max Marks : 100

M.D PAEDIATRICS

Paper-III QP Code: P3113

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. 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?
2. Discuss the treatment of Hypertension in children. Classify the drugs used to treat hypertension and mention their mechanism of action.
3. Discuss etiology, pathology, clinical Features & management of fulminant hepatic failure. (2+2+2+4)
4. Discuss clinical features and management of an one year old infant weighing 8 Kg with severe dehydration due to gastroenteritis. (4+6)
5. Discuss the importance of urine examination in clinical medicine.
6. Discuss the pathogenesis, classification and management of Vesico-ureteric reflux. (3+2+5)
7. Define biomedical waste. Describe its hazards. Outline modes of disposal of biomedical waste generated in a hospital setting.
8. Discuss the etiology and management of multidrug resistant (MDR) Tuberculosis.
9. Define vasculitis. Classify vasculitis. Discuss clinical features and management of Kawasaki disease.
10. Describe the various age appropriate tests for checking visual acuity in children and their limitations.

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

Post Graduate Degree Examination - Apr/May 2019

Time : 3 Hrs

Max Marks : 100

M.D PAEDIATRICS

Paper-IV QP Code: P3114

*Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100

1. Discuss the diagnosis and management of status epilepticus.
2. Discuss the diagnostic algorithm for investigating persistent hypokalemia in a child.
3. A 4 year old child has been bitten on his foot by a cobra. Discuss the management of this child.
4. A 2yr old child with history of accidental ingestion of kerosene is brought to you for emergency treatment. Describe how will you proceed and manage.
5. Describe the components, set-up and functions of a Well baby clinic in India. (Marks- 3+3+4)
6. Discuss child labour. What is the role of pediatrician?
7. What measures can reduce Birth Rate in next 5 years?
8. Discuss the aetiology, pathogenesis and prevention of pertussis in children. Write the differences in efficacy, duration of protection and adverse effects between whole cell and acellular pertussis vaccine.
9. Discuss pathogenesis of different types of shock and pathological changes in different organs.
10. What are mitochondrial genes? How are they transmitted? Briefly discuss diseases transmitted by them.