

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH
(A Deemed to be University)
Post Graduate Supplementary Examination April/May 2026
Time: 180 Minutes **Max Marks: 100 Marks**

Paediatrics Paper I

QP CODE: P3111

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

10X10=100

1. Describe the clinical approach and plan the evaluation of a new born with bilious vomiting. (6+4)
2. Describe lactose intolerance in a new born.
3. Describe pathogenesis and management of post haemorrhagic ventricular dilatation. (5+5)
4. Describe the importance of ultrasound examination in foetal and neonatal wellbeing (4+6)
5. Write a note on prenatal diagnosis of aneuploidy
6. Write a note on Foetal stem cell therapy, its uses and advancement. (3+3+4)
7. Outline the importance of antenatal monitoring in the wellbeing of the foetus and new-born.
8. Discuss the management of neonatal withdrawal syndrome under - causes and risk factors (3 marks), clinical presentation and assessment (4 marks) and treatment approaches (3 marks).
9. Explain the role of neonatal screening programs for inborn errors of metabolism under - types of disorders screened (4 marks), importance of early detection (3 marks) and challenges in implementation (3 marks)
10. Describe the risk factors, pathophysiology & principles of management of intraventricular haemorrhage in preterm neonates. (2+4+4)

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Paediatrics Paper II

QP CODE: P3112

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10X10=100

1. Describe measures to prevent Fluoride toxicity in children.
2. A 8 yr. old child is brought with a history of vomiting and severe abdominal pain of 2 days duration. On examination she is dehydrated, acidotic breathing is present. Her RBS is 400mg/dl. Describe the management of this child.
3. Define breath holding spells. Describe causes, clinical features and management of breath holding spells.
4. Describe the role of genetics as a causal factor in congenital heart diseases.
5. Outline the fine motor milestones along with their normal age of achievement in sequence attained between birth and 5 years of age.
6. What is developmental screening? Describe common developmental screening tests. (3+7)
7. Describe pulmonary function tests and use of spirometry in clinical medicine. (5+5)
8. Describe aetiology, clinical features and management of cerebral palsy. (2+3+5)
9. A 6 y old girl is brought with history of head ache, vomiting and unsteadiness of gait for 10 days. How will you proceed with the investigations and treatment of this child? (5+5)
10. Describe aetiology, clinical features and management of Fanconi anaemia in children. (2+4+4)

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Paediatrics Paper III

QP CODE: P3113

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10X10=100

1. Describe the clinical features, diagnosis and management of secondary disaccharide intolerance in children. (3+2+5)
2. Describe clinical features, etiopathogenesis, management and prevention of Enteric fever? (2+3+4+1)
3. Describe aetiopathogenesis, clinical features and management of diphtheria. (4+2+4)
4. Describe salient features of foetal circulation. Describe the clinical manifestations and management of a case of patent ductus arteriosus (PDA). (4+2+4)
5. Classify cyanotic congenital heart disease. Describe hemodynamics, clinical features and management of Fallot's Tetralogy. (2+3+2+3)
6. Describe the aetiology, pathogenesis, clinical features and management of celiac disease in children. (2.5+2.5+2.5+2.5)
7. A 10 y old child is brought with history of reduced urine output and swelling of the body for 3 days. What investigation will you under take? How will you treat this child? (4+6)
8. Describe the etiological factors, clinical manifestations and management of children with UTI. (3+2+5)
9. Describe classification, pathogenesis, management and complications of Juvenile Idiopathic Arthritis. (2+2+4+2)
10. Describe classification, clinical features and management of allergic rhinitis in children. (2+2+6)

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Paediatrics Paper IV

QP CODE: P3114

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1. Define shock. Classify and describe the different types of shock in children. Outline the management of hypovolemic shock in children (2+2+2+4)
2. What is adoption? How do you evaluate a child of 6 months for adoption? (2+8)
3. Describe management of Manchausen syndrome by proxy with suitable examples.
4. Define acute respiratory distress syndrome (ARDS). Describe the causes and management of a child with ARDS. (2+2+6)
5. Define Brain Death. Write age specific criteria for Brain Death in children. (2+8)
6. Describe the management of a 3- year- old unconscious child.
7. Describe etiopathogenesis, clinical manifestations and management of Bartter Syndrome. (4+2+4)
8. Define child abuse. Describe in brief the factors responsible for child abuse. Outline management of a child who is suspected of being abused. (2+3+5)
9. Describe Paediatric autoimmune Neuropsychiatric Disorders associated with Streptococcal infections (PANDAS)
10. Describe recent advances in the management of paediatric epilepsy.