

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - June/July 2020

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 common peripheral nerve injuries in neonates. Describe their clinical characteristics and outline the management. (2+3+5)
2. Outline and Describe the strategies to prevent lung injury and chronic lung disease in a preterm baby.
3. What is late haemorrhagic disease of newborn. Describe the management of a bleeding neonate?.(3+7)
4. Describe the newborn screening guidelines of Indian Society of Pediatrics and Adolescent Endocrinology (ISPAE) for congenital hypothyroidism in India.
5. Enumerate the causes of acute heart failure (AHF) in newborn and describe the diagnosis and management of AHF. (2+4+4)
6. A 2 days old term new born is admitted with complaints of lethargy and not taking feeds since a few hours prior to admission. Mother gives history of leaking membranes, which started 24 hours before delivery. Describe clinical evaluation and management of this neonate. (3+7)
7. Enumerate causes of neonatal cholestasis. Describe etiology, clinical features and management of biliary atresia. (2+ 2+2+4)
8. Describe maternal medication and foetal hazards.
9. Describe fluid therapy in special situations in neonates.
10. Describe the recent recommendations of Indian Academy of Pediatrics on Umbilical cord blood banking.

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Paper- II QP Code: P3112

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LONG ESSAY

10 X 10 = 100

1. Describe the genetics, clinical features, diagnosis and complications in a child with Trisomy 18 .
(3+2+3+2)
2. Describe the basis for use of Growth Standards. What should be taken as a reasonable approach for India? (5+5)
3. Explain the clinical approach to a child with short stature. Write a plan of management of 5 year old child with growth hormone deficiency.(6+4)
4. What are the different growth charts? Describe the WHO growth chart. What is SAM (Severe Acute Malnutrition)? How do you manage a child with SAM? (2+2+6)
5. Describe etiopathogenesis, clinical features, management and prevention of acute bronchiolitis.
(2+2+6)
6. Describe the approach to a child with acute flaccid paralysis.
7. Define pseudo tumor cerebri and describe its etiology, clinical features and management. (1+2+2+5)
8. Describe etiology, clinical features and management of Von willebrand disease in children. (2+2+6)
9. Describe thyroid hormone synthesis. Describe clinical features and management of congenital hypothyroidism. (3+3+4)
10. Describe approach to a child with anxiety disorder.

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Paper- III QP Code: P3113

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LONG ESSAY

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1. Classify of cardiac arrhythmias and Describe management of wolf parkinson white(WPW) Syndrome.
(3+7)
2. Describe the hemodynamics, clinical presentation and management of Aortic stenosis.(3+2+5)
3. Describe the approach to a child with constipation.
4. Describe clinical features and management of an one year old infant weighing 8 Kg with severe dehydration due to gastroenteritis. (4+6)
5. Describe the utility of renal imaging in pediatrics.
6. Define vesicoureteral reflux (VUR). Classify the grades of VUR. Describe the medical and surgical management of VUR in children. (1+3+6)
7. Describe the recent updates in diagnosis and management of uncomplicated malaria. (5+5)
8. Describe etiology, pathogenesis and management of anaphylaxis. (2+3+4)
9. Describe combined immunodeficiency diseases .
10. Define hypospadias and describe management of hypospadias. (2+8)

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M.D PAEDIATRICS

Paper- IV QP Code: P3114

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LONG ESSAY

10 X 10 = 100

1. A 9 m old child is brought to the emergency room with respiratory distress. Describe the differential diagnosis and outline their management.(4+6)
2. Provide classification of burns injury. Describe the clinical manifestation of electrical burns. Outline emergency management of a child with 20% burns.(2+3+5)
3. Describe clinical features and management following a bee sting in a ten year old boy? (5+5)
4. Describe the various pressures which are used or varied during mechanical ventilation. What is "Cycling" and "Control" in mechanical ventilator? Describe the differences in pressure controlled and volume controlled ventilation. Illustrate with suitable indication use of these forms of ventilation.(2+2+2+4)
5. Describe the pathophysiology of submersion injury. A 4 year old boy was rescued 10 min back from a pond and rushed to the hospital emergency. Mention the basic principles of management.(5+5)
6. Define child abuse and neglect. Describe various clinical manifestations, diagnostic work up and management of sexual abuse.(3+7)
7. Describe National AIDS control Programme in preventing Childhood AIDS
8. Describe immunisation of a child with asplenia.
9. Describe the pathophysiology of hyponatremic dehydration. Describe the management of a child with serum sodium of 110 meq/liter presenting with moderate dehydration and seizures.(4+6)
10. Enumerate and describe the structural abnormalities of autosomes. Illustrate with suitable examples.