

BLDE UNIVERSITY

POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD PEADIATRICS - PAPER – I

QP CODE: 5057

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Long essay

(2x20=40 marks)

1. a) Describe the formation, pathway and circulation of CerebroSpinal Fluid (CSF) in the brain and spinal cord with diagrams and appropriate labelling ; b) Define the term “Hydrocephalus ”; c) Mention the congenital and acquired causes of hydrocephalus in neonates and infants; d) Discuss the diagnostic work up and e) the clinical features and management of congenital hydrocephalus.

(Marks: a:5; b: 2; c: 3; d: & e:10)

2. Describe: a) The steps of formation and metabolism of bilirubin with diagram; b) the clinical indicators of possible pathological causes needing investigations; c) causes of conjugated hyperbilirubinemia in a 3 week old neonate; d) investigative work up and e) treatment of ExtraHepatic BiliaryAtresia (EHBA).

(Marks : a:3+1=4; b:6; c:3; d:5 & e:2)

Short essay

(6x10=60 marks)

3. Prenatal diagnosis of Neural Tube Defects (NTDs).
4. Indications to investigate a neonate for possible Inborn Errors of Metabolism.
5. Baby Friendly Hospital Initiative -BFHI.
6. Causes of benign and pathological causes of vesiculobullous lesions in a neonate.
7. Current recommended steps in the Neonatal Resuscitation.
8. Causes of unilateral and bilateral cataracts in a neonate.

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POST GRADUATE DEGREE EXAMINATION

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[Max.Marks : 100]

MD PEADIATRICS - PAPER – II

QP CODE: 5058

Your answer should be specific to the question asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.

Long essay

(2x20=40 marks)

1. Classify PEM, define marasmus, outline the causes, clinical features and management.
2. What are the common organisms causing nosocomial pneumonia; outline the approach to persistent pneumonia.

Short essay

(6x10=60 marks)

3. Classification and management of acute lymphoblastic leukemia.
4. Pathophysiology and management of ARDS.
5. A two year old child presents with easy fatiguability and progressive pallor. Discuss the approach and management of this child.
6. What are the respiratory audible sounds. Discuss the management of expiratory wheezing in under five years.
7. The diagnosis and management status epilepticus.
8. A two year old child presents with fever, altered sensorium and convulsions of one day duration. What are the differential diagnosis and how do you manage this child.

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POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD PEADIATRICS - PAPER – III

QP CODE: 5059

Your answer should be specific to the question asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.

Long essay

(2x20=40 marks)

1. Discuss pathophysiology & management of hepatic encephalopathy.
2. Discuss pathogenesis, diagnosis & management of different type tachyarrhythmia's.

Short essay

(6x10=60 marks)

3. Persistent diarrhea.
4. Recent advances in management of hypertension in children.
5. Pathogenesis of bleeding & shock in dengue fever.
6. Diagnosis & management of RTA (Renal Tubular acidosis).
7. Musculoskeletal Pain Syndrome.
8. Adverse Events Following Immunization

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POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD PEADIATRICS - PAPER – IV

QP CODE: 5060

Your answer should be specific to the question asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Long essay

(2x20=40 marks)

1. Hyponatremia in an infant : Describe : a) Predisposing factors; b) Clinical recognition; c) Diagnosis; d) Complications and e) Principles and steps of management.

(Marks: a:4; b:4; c:2; d:5 & e:5)

2. Define and Discuss: a) Current Neonatal Mortality Rate in India; b) Causes; and c) Steps and measures to reduce it further.

(Marks : a:2; b:3; c:10)

Short essay

(6x10=60 marks)

3. Management of Kerosene ingestion.
4. Evaluation and Management of an infant brought from drowning in a bucket of water.
5. Paediatrician's role in Child Adoption.
6. RNTCP – Current Guidelines for Paediatric population
7. Angioneurotic oedema
8. Rapid sequence intubation