

July - 2023

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

MD PAEDIATRICS – PAPER - I

QP CODE: 5057

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss the development of trachea and esophagus .How would you manage a child with tracheoesophageal fistula
2. Importance of peripheral blood smear in diagnosis of various pediatric disorders

Short Essay

(6x10=60 Marks)

3. Importance of Anion gap in clinical practice
4. Importance of Radionuclide scans in Pediatric diseases
5. Cord blood screening
6. Biomarkers of cardiac Injury
7. Non organic causes of failure to thrive
8. Role of Zinc in pediatric disorders

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[Time: 3 Hours]

[Max. Marks: 100]

MD PAEDIATRICS – PAPER - II

QP CODE: 5058

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Fetal lung development. Describe clinical features and management of RDS
2. Quality indicators for health care improvement in newborn

Short Essay

(6x10=60 Marks)

3. Pathogenesis of NEC
4. Pathophysiology and management of IVH in Neonates
5. Bilirubin metabolism in newborn
6. Management of homeless children
7. Vaccine efficacy
8. Management of anemia in newborn

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[Time: 3 Hours]

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**MD PAEDIATRICS -- PAPER - III
QP CODE: 5059**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Approach to bleeding child in PICU? Regulation of normal coagulation pathway and management of bleeding child in PICU? (5M+5M+10M)
2. Enumerate various pervasive developmental disorders and autism spectrum disorders? Clinical features and management of ADHD? (5M+5M+ 10M)

Short Essay

(6x10=60 Marks)

3. Management of a 4 years old child with grade IV PEM?
4. Enumerate and describe the structural abnormalities of autosomes, Illustrates with suitable examples.
5. Enumerate risk factors for brain abscess and investigations and treatment of 10 year old child with brain abscess?
6. Discuss enzyme replacement therapy and substrate reduction strategies in management of metabolic disorders?
7. Enumerate causes of persistent fever which are not due to infection. Describe clinical presentation of ecto dermal dysplasias?
8. Discuss pathophysiological basis of clinical and radiological manifestations of nutritional rickets?

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[Time: 3 Hours]

[Max. Marks: 100]

**MD PAEDIATRICS – PAPER - IV
QP CODE: 5060**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Describe regulation of cerebral blood flow. Describe pathophysiology of increased Intracranial pressure and its management
2. A 9 month old infant brought with sudden onset of excessive cry and cold extremities with sweating. How will you approach the case and manage.

Short Essay

(6x10=60 Marks)

3. Acute pancreatitis
4. Turners' syndrome
5. Congenital hypothyroidism
6. Anti snake venom
7. Vesico ureteric reflux
8. G 6 PD deficiency anemia