

Apr: 1-2022

**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. Describe the formation and circulation of CSF. Describe the Etiopathogenesis of Hydrocephalus.
2. Describe fetal circulation. Discuss in brief the changes in fetal circulation immediately after birth.

Short Essay

(6x10=60 Marks)

3. Principals of Pulse oximetry
4. Delayed dentition
5. Thyroid function test in newborn
6. Umbilical cord banking and its importance in pediatric disorders
7. Vitamin D resistant Rickets
8. Nada's criteria for congenital heart disease

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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. Mechanism of thermoregulation in new born?
2. Child abuse and Neglect?

Short Essay

(6x10=60 Marks)

3. Drug dosage and uses of following Antibiotics in newborn weighing 1500 gm
 - a. Amikacin
 - b. Ceftriaxone
 - c. Cefazolin
 - d. Clindamycin
4. Composition of surfactant and importance of each component
5. Blood component therapy in newborn
6. Risk factors and management of neonatal injuries
7. Six sigma in quality improvement
8. Management of HIE II

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

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Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Define and classify status Epilepticus, Management of status epilepticus and refractory status epilepticus? (5+5+10)
2. Enumerate various pervasive developmental disorders and autism spectrum disorders? Clinical features and management of attention deficit hyperactive disorder? (5+5+10)

Short Essay

(6x10=60 Marks)

3. Clinical features classification laboratory findings and differential diagnosis of vitamin K deficiency bleeding ?
4. What is atopic dermatitis? Describe clinical features differential diagnosis and treatment of Atopic dermatitis.
5. Discuss strategies for prevention of mother-to-child transmission of HIV?
6. Outline traditional support of critically ill child? List the complications during management of such child?
7. Adolescent vaccination schedule and travellers vaccine while travelling to endemic area.
8. Outline development of normal hearing in children list causes of hearing impairment in one Year old child and its diagnostic approach?

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[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. Define acute flaccid paralysis. Discuss the differential diagnosis. Describe the advantages of IPV.
2. Describe etiopathogenesis, clinical features and complications of post streptococcal AGN.

Short Essay

(6x10=60 Marks)

3. Crisp R technique in Gene therapy
4. Cerebellar ataxia
5. Adolescent health education
6. Renal biopsy
7. Taussig Bing anomaly
8. Rotavirus vaccine.