

library

**RAN-2106120401010001**

**M. D. (Pediatrics) Examination June - 2023**

**Pediatrics : Paper - I**

**Basic Sciences as Applied to Pediatrics**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**सूचना : / Instructions**

(1)

नीचे दृष्टविले निशानीवाणी दिगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

**M. D. (Pediatrics)**

Name of the Subject :

**Pediatrics : Paper-I- Basic Sciences as Applied to Pediatrics**

Subject Code No.: **2106120401010001**

Seat No.:

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Student's Signature

(2) Compulsory short essay question (SEQ) of 10 Marks each.

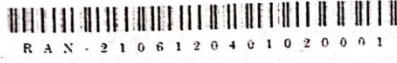
1. Describe Vitamin D metabolism and discuss clinical features and management of Rickets in children. **10**
2. Describe the Pathophysiology of metabolic acidosis. **10**
3. Outline the mechanism of CSF formation and its circulation. Mention the clinical features of hydrocephalus. **10**
4. Describe Congenital anomalies of the genitourinary tract. **10**
5. Procalcitonin in sepsis. **10**
6. Explain the importance of pulmonary function tests (PFTs) in the evaluation of Bronchial Asthma. **10**
7. Discuss OAE and BERA. **10**
8. Discuss foetal circulation and physiological changes at birth. Add a note on ductal dependent lesions. **10**
9. Oral rehydration therapy. **10**
10. Enumerate the 4 signs of good attachment of a baby at the breast. Discuss the advantages of Breast milk. **10**

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**M. D. (Pediatrics) Examination June - 2023**

**Pediatrics : Paper - II**

**Neonatology and Community Pediatrics**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**सूचना : / Instructions**

(1)

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Fill up strictly the details of signs on your answer book  
Name of the Examination:  
M. D. (Pediatrics)  
Name of the Subject :  
Pediatrics : Paper - II Neonatology and Community Pediatrics  
Subject Code No.: 2106120401020001

Seat No.:

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Student's Signature

(2) Compulsory short essay question (SEQ) of 10 Marks each. (Any 10 out of 12)

1. Acute flaccid paralysis (AFP) and its surveillance in India. 10
2. National health mission (NHM). 10
3. Newborn Reflexes. 10
4. Neonatal hearing screening. 10
5. Facility based New Born Care (FBNC). 10
6. Ante- natal diagnosis of Down's syndrome. 10
7. Discuss the etiopathogenesis and management strategies of neonatal encephalopathy. 10
8. Discuss the clinical features and diagnosis of inborn errors of metabolism presenting in the new born period. 10
9. Discuss the ultrasonologic and serological makers used in prenatal diagnosis. 10
10. Growth charts. 10
11. Hypocalcaemia in new born. 10
12. Biophysical profile. 10

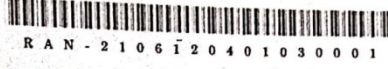
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**M. D. (Pediatrics) Examination June - 2023**

**Pediatrics : Paper - III**

**General Pediatrics**

**Time: 3 Hours ]**

**[ Total Marks: 100**

**सूचना : / Instructions**

(1)

नीचे द्याविलेले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

**M. D. (Pediatrics)**

Name of the Subject :

**Pediatrics : Paper - III General Pediatrics**

Subject Code No.: **2106120401030001**

Seat No.:

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Student's Signature

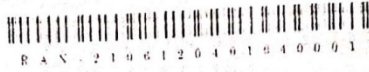
(2) Compulsory short essay question (SEQ) of 10 Marks each.

1. Management of status epilepticus. **10**
2. Stem cell transplantation. **10**
3. Approach to Dysmorphic Child. **10**
4. Cyanotic spell. **10**
5. Epilepsy like syndromes. **10**
6. Describe the management of congestive cardiac failure in a six months old baby **10**
7. Role of leukotriene antagonist in treatment of children with wheeze. **10**
8. Approach to chronic diarrhea. **10**
9. BERA. **10**
10. Discuss mineral bone disease in relation to chronic kidney disease. **10**

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M. D. (Pediatrics) Examination June - 2023

Pediatric : Paper - IV

Pediatric Medicine Including Recent Advances

Time: 3 Hours ]

[ Total Marks: 100

सूचना : / Instructions

(1) नीचे दृष्टविले निशानीवाणी विगतो उत्तरवली पर अवश्य लखवी.  
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Name of the Examination:  
M. D. (Pediatrics)

Name of the Subject :  
Pediatric : Paper - IV Pediatric Medicine Including Recent Advances

Subject Code No.: 2106120401040001

Seat No.:

Student's Signature

(2) Compulsory short essay question (SEQ) of 10 Marks each.

1. Genetic counseling 10
2. Iron chelators 10
3. Cord blood banking 10
4. Uses of recombinant human erythropoietin. 10
5. IVIG therapy 10
6. Role of tandem mass spectrometry in a child with metabolic disorder. 10
7. Write diagnostic criteria for autistic disorder and explain the recent advancements in genetic testing and biomarker research for autism in India. 10
8. Write a short note on congenital adrenal hyperplasia 10
9. Algorithm for evaluation of hypocalcemia in children. 10
10. Discuss the diagnostic approach to the management of red urine in a 4-year-old child. 10

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