



N-2106120401010001

M. D. Examination

June/July - 2021

Pediatrics : Paper - I

Time : 3 Hours]

[Total Marks : 100

Instruction :

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| ନିମ୍ନ କାର୍ଯ୍ୟକ୍ରମ କିମ୍ବା ବିକଳ-ଲିଖନୀ ବିକଳ-ଲିଖନୀ ପୃଷ୍ଠାରେ ଭରଣ କରନ୍ତୁ. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | |
| M. D. | |
| Name of the Subject : | |
| Pediatrics - I | |
| Subject Code No. : | Section No. (1, 2,): Nil |
| 2 1 0 6 1 2 0 4 0 1 0 1 0 0 0 1 | |
| | Student's Signature |

- 1 Long Answer Questions : 20 each
- (1) Describe Development of gut. Describe Clinical features and Management of malrotation of gut.
 - (2) Define shock. Describe various types of shock in children. Describe Pathophysiology and Management of septic shock in children.
- 2 Short Answer Questions : 10 each
- (1) Enteral feeding in the sick child.
 - (2) Role of micronutrient in paediatric health and disease.
 - (3) Principles of sleep hygiene in children.
 - (4) Primary and secondary prevention of genetic disorders.
 - (5) Ethics in research.
 - (6) Baby friendly hospital initiative.



N-2106120401020001

M. D. Examination

June/July 2021

Pediatrics : Paper - II

Time : 3 Hours]

[Total Marks : 100

Instruction :

കുറിപ്പ് : - കൃത്യമായി വിവരങ്ങൾ നൽകേണ്ടതും കൃത്യമായി എഴുതേണ്ടതും ഉറപ്പാക്കുക. ഉത്തരവിലെ വിവരങ്ങൾ കൃത്യമായി എഴുതുക.

Name of the Examination :

M. D.

Name of the Subject :

Pediatrics - II

Subject Code No. : Section No. (1, 2,.....) Nil

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Seat No.:

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Student's Signature

1. Long Answer Questions: 20 each

- (1) How will you classify childhood histiocytosis. Describe the diagnostic criteria, clinical manifestations and treatment for hamato phagocytic lymphohistiocytosis. Discuss infections associated with it.
- (2) Discuss approach to a newborn with ambiguous genitalia at birth.

2. Short Answer Questions: 10 each

- (A) Recombinant human erythropoictin.
- (B) Severe iron poisoning in children.
- (C) Approach to a child with obesity.
- (D) Scorpion sting.
- (E) Achondroplasia.
- (F) USG in pediatrics.



N-2106120401030001

M. D. Examination

June/July - 2021

Pediatrics : Paper - III

Time : 3 Hours]

[Total Marks : 100

Instruction :

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| નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | <input type="text"/> |
| <input type="text"/> M. D. | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| <input type="text"/> Pediatrics - III | <input type="text"/> |
| Subject Code No. : | Section No. (1, 2,.....) : <input type="text"/> Nil |
| <input type="text"/> 2 1 0 6 1 2 0 4 0 1 0 3 0 0 0 1 | <input type="text"/> |
| | Student's Signature |

- 1 Long Answer Questions : 20 each
- (1) Define severe acute Malnutrition. Classify protein energy Malnutrition. Describe physical features, Complications, Investigations and Management of severe acute malnutrition in a 2 year old child.
- (2) Define pyrexia of unknown origin. Discuss definition, etiology and Investigations of PUO in 5 years old child.
- 2 Short Answer Questions : 10 each
- (A) NESTROFT Test
- (B) Non-Traditional modes of genetic inheritance.
- (C) Hemolytic Uraemic Syndrome.
- (D) Fate of Primary Complex.
- (E) Advantages of breast feeding.
- (F) High Risk Newborn.



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M. D. Examination

June/July 2021

Pediatrics : Paper - IV

Time : 3 Hours]

[Total Marks : 100

Instruction :

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| -सिने इशारेले - निशा-नीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of - signs on your answer book. | | Seat No.: |
| Name of the Examination : | | <input type="text"/> |
| M. D. | | <input type="text"/> |
| Name of the Subject : | | <input type="text"/> |
| Pediatrics - IV | | <input type="text"/> |
| Subject Code No.: | Section No. (1, 2,.....): Nil | <input type="text"/> |
| 2 1 0 6 1 2 0 4 0 1 0 4 0 0 0 1 | | |
| Student's Signature | | |

1 Long Answer Questions : 20 each

- (1) What is epigenetics. Discuss the mechanism and clinical implications of epigenetics.
- (2) Describe the methods of harvesting and storing stem cells. Outline the Indications of stem cell therapy. Discuss in brief patient preparations required for stem cell therapy. Enumerate the potential complications of stem cell therapy. Add a note on indications for stem cell transplantation therapy in children.

2 Short Answer Questions : 10 each

- (A) Extracorporeal Membrane oxygenation.
- (B) Treatment of MDR TB.
- (C) Paediatric health priorities in next decade.
- (D) Bone marrow transplantation in children.
- (E) Neonatal screening program.
- (F) Procalcitonin.