

QP Code: 101111

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Paediatrics
(MD) May 2022**

Paper I – Basic Science Applied to Paediatrics

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss vitamin D metabolism. Clinical features, investigation and treatment of vitamin D resistant rickets.

Short Essays:

(8x10=80)

2. CBNAAT (Cartridge Based Nucleic Acid Amplification Test).
3. Development of thyroid gland.
4. Therapeutic use of methylprednisolone in children.
5. Pathophysiology of hepatic encephalopathy.
6. Adrenocorticotrophic hormone stimulation test (ACTH stimulation test).
7. ECG changes in hypokalaemia.
8. Neurocutaneous markers and its clinical significance.
9. Growth Charts
