

QP Code: 101111

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Paediatrics
(MD) January 2025**

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. Describe thyroid hormonogenesis. Discuss the thyroid function tests in detail.

Short Essays: (8x10=80)

2. Principles of development. add a note on Trivandrum development scale.
3. Write a note on foetal circulation.
4. Write a note on vital health statistics. Write special reference to child health.
5. List the various patterns of inheritance. Explain x-linked inheritance with an example.
6. Laboratory diagnosis of viral diseases.
7. Write a note on metabolic acidosis.
8. Dimercapto succinic acid (DMSA) scan.
9. Vaccine transport and vaccine vial monitor.
