

QP Code: 101111

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Paediatrics
(MD) November 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 liver function test. Write a note on the diagnostic and prognostic utility of the same.

Short Essays: (8x10=80)

2. Nerve Conduction Velocity (NCV) Test.
3. Sexual Maturity Rating Scale (SMR).
4. Tandem Mass Spectrometry (TMS).
5. Dermatoglyphics.
6. Hyperoxia test and its significance.
7. Low osmolar oral rehydrating solution.
8. Describe the pathway of the facial nerve.
9. Foetal circulation.
