

QP Code:101506

Reg. No.:.....

**M.Ch. (Pediatric Surgery) Degree Supplementary Examinations
February 2023**

Paper I – Basic Medical Sciences Relevant to Pediatric Surgery

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 diaphragmatic hernia under the following headings
 - a) Embryology of the diaphragm development.
 - b) Pathophysiological impact on the developing lung.
 - c) Types of diaphragmatic hernia.
 - d) Management Principles of diaphragmatic hernia.

Short essays: (8x10=80)

2. Utility of DTPA scan as compared to MAG3 / EC scans.
3. Mechanisms for fecal continence.
4. Medications used in neurogenic bladder.
5. Horse shoe kidney.
6. Prognostic factors in neuroblastoma.
7. Life cycle of Echinococcus granulosus (Hydatid Cyst).
8. Neonatal thermoregulation.
9. Harmonic scalpel.
