

QP Code:101506

Reg.No.:.....

**M.Ch. (Pediatric Surgery) Degree Supplementary Examinations
January 2020**

Paper I – Basic Medical Sciences Relevant to Pediatric Surgery

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay: (20)

1. Describe the embryogenesis and various defects of mal rotation.

Short essays: (8x10=80)

2. Permissive hypercapnoea
3. Types of bowel atresia
4. Congenital lobar emphysema
5. Tumor markers in pediatric solid tumors
6. Complications of total parenteral nutrition
7. Short bowel syndrome
8. Fluid and electrolytes requirement in a 3 kg child with acute intestinal obstruction
9. Embryology of esophagus and esophageal atresia.
