

QP Code: 101506

Reg. No.:.....

**M.Ch. (Pediatric Surgery) Degree Regular/Supplementary Examinations
September 2020**

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. Describe the sexual differentiation of external genitalia and urogenital sinus. What is the complete genesis of testicular feminization syndrome.

Short essays: (8x10=80)

2. Thermoregulation
3. Chromosomal and other anomalies in association with duodenal atresia
4. Embryological basis for ano-rectal malformations
5. Short bowel syndrome
6. Necrotizing enterocolitis
7. Hyperchloremic acidosis
8. Intestinal neuronal dysplasia
9. Mechanism of testicular descent
