

PAPER CODE: 6121

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WARANGAL, TELANGANA STATE – 506 002
D.M. /M.CH. DEGREE EXAMINATION: DECEMBER, 2025

PEADIATRIC SURGERY
PAPER – I
(BASIC SCIENCES)

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Describe various modes of conventional ventilation role of capnography in mechanical ventilation.
2. Discuss normal acid base physiology and the factors regulating it. How do you manage a 10kg child with severe metabolic acidosis secondary to hypovolemia?

Write a short note on the following:

4 X 10 = 40

3. TRALI (Transfusion Related Acute Lung Injury).
4. Surgical implication of Trisomy 21.
5. Use of opioids in paediatric surgical patients.
6. Birth injuries.
