

Rajiv Gandhi University of Health Sciences

M.Ch Degree Examination – JULY 2016

Time: Three Hours

Max. Marks: 100 Marks

Paediatric Surgery - PAPER – I

QP Code: 9141

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each)

10 x 10 = 100 Marks

1. Discuss the principles of nuclear medical imaging and their applications in Paediatric nephro-urology.
2. Describe development of the lung and discuss pulmonary physiology and briefly the different modes of ventilation.
3. Oxygen dissociation curve and its clinical relevance
4. Principles of Pulse oximetry
5. Hemolytic anemia in Pediatric Surgery
6. PET Scan
7. Systemic Inflammatory Response syndrome
8. Perioperative pain management
9. Management of renal trauma
10. Discuss briefly the metabolic response to surgical stress.

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