

PAEDIATRICS

PAPER – IV

Please read carefully the important instructions mentioned on Page '1'

PART B

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| 6. | Write short notes on: | 5+5 |
| | a. Paediatric RIFLE criteria for acute kidney injury. | |
| | b. Urinary indices in acute renal failure. | |
| 7. | What are the fluid, metabolic and biochemical changes in a child with severe dengue? Discuss the underlying pathophysiology. | 10 |
| 8. | Discuss the principles of safe and stable transport of a sick newborn. | 10 |
| 9. | Classify respiratory failure in children. List the modes of assisted ventilation and its indications. | 6+4 |
| 10. | Define the following: | 2 x 5 |
| | a. Herd immunity | |
| | b. Herd effect | |
| | c. Vaccine immunogenicity | |
| | d. Vaccine efficacy; and | |
| | e. Vaccine effectiveness | |
