

108-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

PAEDIATRICS

Paper-I: Basic Medical Sciences

Time : 3 Hours

Max. Marks:100

Note: Answer all questions.

All questions carry equal marks.

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Pathogenesis of cerebral edema.
2. Factors regulating sodium homeostasis.
3. Life cycle of falciparum malarial parasite.
4. Loop diuretics and their mode of action.
5. Composition of surfactant and importance of each component.
6. Mechanism of thermoregulation in newborn
7. Importance of peripheral blood smear study in a child.
8. Third generation cephalosporins.
9. Polysaccharide vaccines.
10. Causes and pathophysiology of acidosis.

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