

Q.P.CODE:108-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008*

M.D. DEGREE EXAMINATION – MAY, 2017

PAEDIATRICS

Paper-I: Basic Medical Sciences

Time : 3 Hours

Max. Marks:100

Note: Answer all questions.

All questions carry equal marks.

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Role of respiratory system in acid base balance. Enumerate various pulmonary function tests and their interpretation.
2. List out the causes of hyponatremia and briefly describe the management of SIADH (Syndrome of Inappropriate Secretion of Anti-Diuretic Hormone)
3. Role of Magnesium therapy in Pediatrics
4. Genetic counseling in a family of a child with Down's syndrome
5. Z-score and its importance in Pediatrics
6. Etiology and Pathophysiology of acute Rheumatic Fever
7. Therapeutic uses of Rituximab
8. Anion Gap
9. Physiological basis of Oral Rehydration Therapy (ORT)
10. Pathophysiology of Acute Tumor Lysis Syndrome
