

PAPER CODE: 1010

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH 2026

PAEDIATRICS

PAPER – I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Foetal circulation and changes after birth.
2. Discuss the daily requirement, role and assessment of adequacy of Vitamin D in Children.
3. Describe briefly Blood Brain Barrier.
4. Importance of Peripheral Blood Smear Study in a Child.
5. Third generation Cephalosporins.
6. Thyroid development and thyroid Hormone Synthesis.
7. Pathophysiology of diabetes Ketoacidosis.
8. Lab tests to differentiate Pre renal from Intrinsic renal failure.
9. Language development in first three years of life.
10. Portal circulation and portosystemic Anastomotic Channels, using a diagram.
