

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY,2025

**PAEDIATRICS
PAPER – I
(BASIC SCIENCES)**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write a short essay on the following:

10 X 10 = 100

1. Define Hypertension and Hypertensive emergencies in a child. Elaborate the diagnostic algorithm in a child with hypertension.
2. Coagulation pathway in health and disease.
3. Physiology of foetal circulation.
4. Chorionic villous sampling.
5. Life cycle of malarial parasite.
6. Discuss the management of status asthmaticus with details on mechanism of action of drugs used.
7. Role of Vitamin A in health and disease.
8. Describe and draw the peripheral blood picture of megaloblastic anaemia and beta thalassemia major.
9. Mechanism of antibiotic resistance in bacterial infection.
10. Liver function tests.
