

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

D.M. /M.CH. DEGREE EXAMINATIONS: NOVEMBER, 2023

**NEONATOLOGY
Paper – I
(BASIC SCIENCES)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Elaborate the steps of thyroxin synthesis and conditions causing dysghormonogenesis. Write in brief on universal thyroid screening.
2. Assessment of foetal wellbeing during perinatal and natal period. Add a note on Doppler abnormalities in the umbilical artery and its management.

Write a short note on the following:

4 X 10 = 40

3. Forest Plot Graph.
4. Growth factors in Breast Milk.
5. Capnography.
6. Cellular mechanisms of antibiotic resistance and strategies for prevention.
