

PAPER CODE: 6002

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
D.M. /M.CH. DEGREE EXAMINATION: MARCH, 2025**

**CARDIOLOGY
PAPER – II
(CLINICAL APPLICATION-I)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write Essay on the following:

2X30=60

1. Discuss in detail the principle and various methods for estimation of Cardiac Output.
2. Describe in detail evaluation of Pulmonary Arterial Hypertension by Invasive and Non Invasive methods. How will you assess reversibility?

Write short note on the following:

4X10=40

3. Genetics of long QT Syndrome and its clinical relevance.
4. Pulse in Health and Diseases.
5. Infective Endocarditis Prophylaxis – principles, indications, regimens and present consensus.
6. Loss of capture in Cardiac Pacing – diagnosis and management.
