

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0822)

AUGUST 2022

Sub. Code: 1501

M.Ch. – CARDIO VASCULAR AND THORACIC SURGERY

Paper I – BASIC SCIENCES

Q.P. Code: 181501

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Describe the Conduction system of the heart and its anomalies, with its surgical relevance during various cardiac procedures.
2. Describe the Broncho pulmonary segments and discuss the aetiopathology and management of Bronchiectasis.

II. Write notes on: (10 x 7 = 70)

1. Amiodarone.
2. INR.
3. Ductus arteriosus.
4. Aschoff nodule.
5. Blood supply of trachea.
6. Cardiac cycle.
7. Heath – Edwards classification.
8. Cardiac Resynchronization Therapy (CRT).
9. Pharyngeal Diverticulum.
10. St. Thomas Solution.
