

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

(MCH 0822)

AUGUST 2022

Sub. Code: 1503

M.Ch. – CARDIO VASCULAR AND THORACIC SURGERY

Paper III – THORACIC AND CARDIO VASCULAR SURGERY - II

Q.P. Code: 181503

Time: Three Hours

Maximum: 100 Marks

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

1. Write in detail about the Morphology and Management options for Taussig-Bing anomaly.
2. Discuss in detail about aortic valve sparing surgery in annuloaortic ectasia.

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

1. Ventricular Septal Rupture (VSR).
2. Causes of Cyanosis at birth.
3. Ebstein's anomaly.
4. Ivor Lewis esophagectomy.
5. Blood Priming.
6. Retrograde Cerebral Perfusion.
7. Embryology of Truncus Arteriosus and its management.
8. Pulmonary A-V malformations.
9. Discuss the factors affecting the haemodynamics of mechanical heart valves.
10. Arterial switch operation.
