

**QP Code:103509**

**Reg. No.:.....**

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Regular/  
Supplementary Examinations April 2025**

**Paper III – Natural History, Diagnosis, Management Prognosis and Rehabilitation &  
Recent Advances of Congenital or Acquired Heart Diseases and Major Blood Vessels**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay: (20)**

1. Describe the pathophysiology, clinical aspects, evaluation and management of tricuspid atresia

**Short essays: (8x10=80)**

2. Morphology of Ebsteins anomaly and its surgical management
3. Surgical management of truncus arteriosus
4. Management of supra cardiac TAPVC (Total anomalous pulmonary venous connection)
5. Prosthetic heart valves
6. Management of pulmonary arterial hypertension
7. Carpentier's classification of pathophysiological aspects of mitral valve diseases.
8. Senning operation
9. Management of ALCAPA (Anomalous origin of left coronary artery from pulmonary artery).

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