

QP Code:103509

Reg. No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree
Regular/Supplementary Examinations August 2022**

**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 anatomy of the mitral valve and the various techniques of mitral valve repair.

Short essays:

(8x10=80)

2. Double switch operation
3. Comparison of vertical vein with persistent left superior vena cava (LSVC)
4. Pathophysiology and management of anomalous left coronary artery from pulmonary artery (ALCAPA)
5. Double outlet right ventricle (DORV) - anatomy and management.
6. Pathophysiology and management of persistent ductus arteriosus (PDA)
7. Ventricular septal rupture (VSR).
8. Fontan's operation
9. Constrictive pericarditis - pathophysiology and management.
