

QP Code:103509

Reg. No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Regular/
Supplementary Examinations November 2023**

**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. Principles and techniques of off-pump CABG

Short essays:

(8x10=80)

2. Anomalous left – coronary artery arising from pulmonary artery
3. Non cardiac uses of cardiopulmonary bypass
4. Pulmonary artery banding
5. Surgical management of CTEPH (Chronic Thromboembolic Pulmonary Hypertension)
6. Principles and practice of IABP (Intra-Aortic Balloon Counter Pulsation)
7. Techniques of spinal cord protection in surgery for descending aorta
8. Alpha stat vs PH stat strategies in deep hypothermia circulatory arrest
9. Trans myocardial laser revascularization
