

QP Code:104509

Reg. No.:.....

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

Paper IV – Recent Advances in Cardiac General Thoracic and Vascular Surgery

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. What is aortic valve repair by neocuspidization technique. What are the materials used for preparing the neo-cusps. Mention about the measurement techniques.
Discuss about the indications and contra-indications for this procedure.

Short essays:

(8x10=80)

2. Mitraclip
3. Debranching grafts
4. Various modes in a temporary pacemaker
5. Steps in MICS ASD closure
6. Off pump vs On pump CABG
7. Hybrid revascularization procedures
8. Diego Gonzalez-Rivas
9. NiVATS
