

QP Code:104509

Reg. No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Regular/
Supplementary Examinations April 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. Current status of multiple arterial grafting in coronary artery bypass grafting.

Short essays: (8x10=80)

2. HeartMate 3.
3. Newer bioprosthetic valves.
4. Propensity matching in clinical research.
5. Post-operative atrial fibrillation.
6. Veno-venous extracorporeal membrane oxygenation.
7. Role of modified ultrafiltration.
8. Systolic anterior motion after mitral valve repair.
9. Briefly describe the techniques of aortic valve repair.
