

**QP Code:104509**

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

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Supplementary  
Examinations February 2023**

**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. Topical hemostatics in cardiac operations.

**Short essays:**

**(8x10=80)**

2. Compare TAVR (Trans Catheter Aortic Valve Replacement) with TAVI (Trans Catheter Aortic Valve Implantation).
3. David's operation (aortic valve sparing root replacement)
4. Current status of pectus repair.
5. Endobronchial ultrasound
6. Sleeve lobectomy
7. Single lung transplantation
8. Needle scopic thoracic sympathectomy
9. Hybrid endovascular repair of thoracoabdominal aortic aneurysm.

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