

**Sree Chitra Tirunal Institute for Medical Sciences & Technology
Thiruvananthapuram**

DM CARDIAC ANAESTHESIOLOGY

December 2007

PART-I

PAPER – I

All Questions to be Answered -

Max.Marks : 100

Time : 3 hrs

SHORT ESSAYS:

1. Discuss the quantifications of Oxygenator performance.
2. Discuss the procedure and practices that have been proposed to reduce the amount of Microembolization during CPB.
3. Heparin Coated Circuits.
4. Discuss the physiological consequences of Hemodilution.
5. Cardioplegia Delivery Systems.
6. Drug Sequestration in the Oxygenator.
7. Endothelium.
8. Thromboelastography.
9. Structure and functions of the Neonatal Heart.
10. Levosimindon.
