

Sree Chitra Tirunal Institute of Medical Sciences and Technology
Trivandrum

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Questions for DM Cardiac Anaesthesiology Part I, Paper II

Marks 100

Attempt all questions

1. Diagnosis and management of Infective endocarditis.
2. Pathophysiology of hypertrophic obstructive cardiomyopathy and its management.
3. Describe the constituents of Cardiopulmonary bypass circuit and the sequential relation of these with each other along with the reasoning for the same.
4. Pharmacological blood conservation strategies.
5. Describe the pacemaker nomenclature. What are the drawbacks, various possible electrical interferences (internal as well as external) in case of dual chamber Pacemaker and how to prevent them.
6. Describe the Systemic inflammatory response syndrome in the context of cardiac surgery. Pathophysiology, prevention and management.

I ACTA Questions :

Mx strategies for Jehovah's witness.

Current guidelines for blood conservation in cardiac factors influencing myocardial oxygen demand & sup

Various tech of myocard preservation in cardiac Sx

Monitor ischemia during cardiac Sx

Diagnosis & Mx of RV dysfn.

PLT fn assessment.

Anesth Mx for CEA.

Organ preservation following harvest of heart.

PHI crisis in child after VSD

Meth of assessing MR using TEE