

KLE UNIVERSITY, BELGAUM, KARNATAKA.
Fellowship in Cardiac Anaesthesiology Examination 2009

SYLLABUS FOR PAPER II

1. Cardiac output monitoring
2. Circulatory assist devices: intra-aortic balloon counter pulsation, left and right ventricular assist devices and biventricular assist devices.
3. Cardiac surgical procedures: adult and pediatric, minimally invasive, myocardial revascularization, valve repair and replacement, pericardial, neoplastic procedures, and heart and/or lung transplantation.
4. Thoracic aortic surgery: ascending, transverse and descending aortic surgery with circulatory arrest, CPB employing low flow, and/ or retrograde perfusion.
5. Esophageal surgery: varices, neoplastic, colon interposition, foreign body, and structure.
6. Pulmonary surgery: thoracoscopic or open; lung reduction, bronchopulmonary lavage, one lung ventilation, lobectomy, pneumonectomy and bronchoscopy: fiberoptic, rigid, laser resection.
7. Post-anesthetic critical care of cardiothoracic surgical patients.
8. Ventilator modes and management.
9. Pain management of cardiothoracic surgical patients.
10. Research methodology didactic lectures on study design and statistical analysis, grant and manuscript preparation.
11. Quality assurance/improvement.
12. Ethical and legal issues.
13. Evidence based medicine.