1. Discuss various techniques of total chordal preservation of mitral valve.  

2. Discuss the pathophysiology and management of hypoplastic left heart syndrome.  

3. Enumerate various cardiac tumours. Briefly discuss clinical presentations, diagnosis and management of the commonest primary tumour of the heart in adults.  

4. Enumerate various systemic pulmonary shunt operations done for Congenital Cyanotic Heart Disease. Describe complications of any two shunts.  

5. Discuss pathology, investigations and treatment of chronic constrictive pericarditis.  

6. Discuss concept and relevance of intracoronary shunts and stabilizers used in OPCAB.  

7. Compare outcome and techniques of classical and fenestrated Fontan's operation.  


9. Describe foetal circulation. Mention changes at birth. What are the fundamental physiological consequences due to these changes in neonate?  

10. Describe indications of transoesophageal echocardiography. Describe various views used for valves and cardiac function.