

B.Sc. CARDIAC TECHNOLOGY

FIRST YEAR

Sub. Code: 1509

Paper II – PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY RELATED TO CARDIAC TECHNOLOGY

UNIT 4: SYSTEMIC PATHOLOGY, HEART I

10m Questions (Elaborate on)

Question	Year	Bloom's Taxonomy
Discuss in detail about etiopathogenesis, morphology, diagnostic criteria and clinical features of Infective Endocarditis.	August 2015	Analyze
Clinical features, diagnosis and complications of acute myocardial infarction.	February 2016	Analyze
Describe the conduction system of the heart. Write a detailed note on conduction disturbances of the heart.	February 2016	Understand
Explain in detail about the Etiopathogenesis, morphological features and clinical feature of Infective Endocarditis.	August 2016	Understand
Discuss the clinical features, diagnosis and complications of acute myocardial infarction.	February 2017	Analyze
Explain in detail about the causes and medical management of heart failure.	February 2017	Understand
Discuss in detail about etiopathogenesis, diagnostic criteria of Rheumatic fever and name any three complications.	August 2018	Analyze
Discuss in detail about etiopathogenesis, diagnostic criteria of Rheumatic fever and name any three complications. (Duplicate)	April 2022	Analyze
Classify congenital heart diseases. Briefly discuss pathogenesis, clinical features and morphology of Tetralogy of Fallot.	August 2018	Analyze
Describe about etiology, clinical features, diagnosis and treatment of Rheumatic fever.	February 2020	Understand
Classify acyanotic heart diseases. Explain the pathogenesis and clinical presentation of diseases with left to right shunt.	February 2020	Understand
Discuss in detail about etiopathogenesis, diagnostic criteria of Rheumatic fever and name any three complications. (Duplicate)	April 2022	Analyze

5m Questions (Write Notes on)

Question	Year	Bloom's Taxonomy
Pathophysiology of acute coronary syndrome.	August 2015	Understand
Tetralogy of Fallot.	August 2015	Remember
Rheumatic Fever.	August 2015	Remember

Question	Year	Bloom's Taxonomy
Complications of myocardial infarction.	August 2015	Analyze
Hypertrophic Cardiomyopathy.	February 2016	Remember
Etiology and clinical features of constrictive pericarditis.	February 2016	Understand
Major criteria for Infective Endocarditis.	February 2016	Remember
Rheumatic fever.	February 2016	Remember
Atrial septal defect.	August 2016	Remember
Acute coronary syndrome.	August 2016	Understand
Etiology and clinical features of rheumatic fever.	February 2017	Understand
Tetralogy of Fallot. (Duplicate)	February 2017	Remember
Risk factors in ischemic heart disease.	August 2017	Analyze
Classify cyanotic congenital heart diseases and describe the shunt mechanism.	August 2017	Analyze
Mention the microscopic changes in myocardial infarction.	August 2017	Remember
Diagnostic criteria for infective endocarditis.	February 2018	Remember
Enumerate the causes of acquired heart valve diseases.	August 2018	Remember
Pathophysiology of congenital acyanotic heart diseases.	August 2018	Understand
Mention the disorders predisposing to Cor Pulmonale.	August 2018	Remember
Types of angina pectoris.	February 2019	Remember
Constrictive pericarditis.	February 2019	Remember
Pathogenesis of Myocardial Infarction.	August 2019	Understand
Cor pulmonale.	February 2020	Remember
Tetralogy of Fallot.	February 2020	Remember
Tetralogy of Fallot. (Duplicate)	March 2021	Remember
Tetralogy of Fallot. (Duplicate)	November 2022	Remember
Clopidogrel in ischemic heart disease.	February 2017	Apply
Clopidogrel in ischemic heart disease. (Duplicate)	March 2021	Apply
Clopidogrel in ischemic heart disease. (Duplicate)	April 2022	Apply
Acute coronary syndrome. (Duplicate)	April 2022	Understand
Infective Endocarditis.	April 2023	Remember

3m Questions (Short Notes on)

Question	Year	Bloom's Taxonomy
Patent ductus arteriosus.	August 2015	Remember
Name 3 cyanotic congenital heart diseases.	February 2016	Remember
Pulmonary thromboembolism.	February 2016	Remember

Question	Year	Bloom's Taxonomy
Sinus node dysfunction.	February 2016	Remember
Types of cyanotic congenital heart disease.	August 2016	Remember
Ebstein anomaly.	February 2017	Remember
Complications of Pulmonary Hypertension.	February 2017	Analyze
Sinus tachycardia.	February 2017	Remember
Changes in ageing heart.	February 2017	Remember
Ambulatory ECG monitoring.	February 2017	Remember
Common organisms causing infective endocarditis.	February 2017	Remember
Chagas disease.	February 2017	Remember
Ventricular septal defect.	August 2017	Remember
Causes of left sided heart failure.	August 2017	Remember
Atrial septal defect.	February 2018	Remember
Cardiac myxoma.	February 2018	Remember
Complications of infective endocarditis.	August 2018	Analyze
Cardiac tamponade.	August 2018	Remember
Mitral regurgitation.	August 2018	Remember
Sinus arrhythmia.	February 2019	Remember
Ring abscess.	February 2019	Remember
Chagas disease. (Duplicate)	February 2019	Remember
Enzyme studies done in myocardial infarction.	February 2019	Apply
Ventricular Septal Defect.	August 2019	Remember
Pulmonary thromboembolism. (Duplicate)	August 2019	Remember
What is Primary Pulmonary Hypertension?	August 2019	Understand
Ebstein anomaly. (Duplicate)	August 2019	Remember
Cardiac tamponade. (Duplicate)	February 2020	Remember
Major criteria of Infective endocarditis.	February 2020	Remember
Angioplasty. (Duplicate)	February 2020	Remember
Ambulatory ECG monitoring. (Duplicate)	February 2020	Remember
Causes of heart failure.	August 2019	Remember
Causes of left sided heart failure. (Duplicate)	March 2021	Remember
Ring abscess. (Duplicate)	March 2021	Remember
Patent Ductus Arteriosus.	April 2022	Remember
Define autoimmunity. Mention two autoimmune diseases.	November 2022	Remember
Atrial Septal Defect.	April 2023	Remember
Aortic stenosis.	April 2023	Remember