

B.Sc. CARDIAC TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

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

Q.P. Code : 801509

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss the clinical features, diagnosis and complications of acute myocardial infarction.
2. Define Aneurysm. Write in detail about the pathogenesis, morphology and complication of Aneurysm.
3. Explain in detail about the causes and medical management of heart failure.

II. Write Notes on:

(8 x 5 = 40)

1. Clinical features and diagnosis of patent ductus arteriosus.
2. Cardiac tamponade.
3. Raynaud's phenomenon.
4. Etiology and clinical features of rheumatic fever.
5. Types and causes of hypertension.
6. Clopidogrel in ischemic heart disease
7. Tetralogy of Fallot.
8. Class III anti arrhythmic drugs.

III. Short Notes on:

(10 x 3 = 30)

1. Labetalol.
2. Ebstein anomaly.
3. Complications of Pulmonary Hypertension.
4. Thrombolytic drugs.
5. ACE inhibitors.
6. Sinus tachycardia.
7. Changes in ageing heart.
8. Ambulatory ECG monitoring.
9. Common organisms causing infective endocarditis.
10. Chagas disease.
