

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. Clinical features, diagnosis and complications of acute myocardial infarction.
2. Describe the conduction system of the heart. Write a detailed note on conduction disturbances of the heart.
3. Enumerate drugs used in hyperlipidemia. Describe in detail about statins.

II. Write Notes on:

(8 x 5 = 40)

1. Antihypertensives drugs.
2. Protamine.
3. Explain the uses and adverse effects of proton pump inhibitors.
4. Hypertrophic Cardiomyopathy.
5. Etiology and clinical features of constrictive pericarditis.
6. Major criteria for Infective Endocarditis.
7. Atherosclerosis.
8. Rheumatic fever.

III. Short Notes on:

(10 x 3 = 30)

1. Systemic Hypertension.
2. Write about Warfarin.
3. Digoxin.
4. Name 3 cyanotic congenital heart diseases.
5. Takayasu Arteritis.
6. Pulmonary thromboembolism.
7. Aortic aneurysm.
8. Sinus node dysfunction.
9. Prevention of Deep vein Thrombosis.
10. Enumerate non modifiable coronary risk factors.
