

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. Explain in detail about Valvular heart disease.
2. Classify Antihypertensive drugs. Write in detail about calcium channel blockers.
3. What is Infective endocarditis? Explain the morphology, etiopathogenesis and clinical features of Infective endocarditis.

II. Write Notes on:

(8 x 5 = 40)

1. Low molecular weight Heparins.
2. Statins.
3. Class 1 Antiarrhythmic drugs.
4. Potassium sparing diuretics.
5. Ventricular Septal Defect.
6. Pulmonary thromboembolism.
7. Pathogenesis of Myocardial Infarction.
8. Raynaud phenomenon.

III. Short Notes on:

(10 x 3 = 30)

1. Labetolol.
2. Uses of Adrenaline.
3. Vasopressin analogues and their uses.
4. Glycoprotein 2b3a Antagonists.
5. Causes of heart failure.
6. What is Primary Pulmonary Hypertension?
7. Valvuloplasty.
8. Complications of Cardiac Valve Prosthesis.
9. Role of Renin in Hypertension.
10. Ebstein anomaly.
