

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

SECOND YEAR

**PAPER I – CLINICAL FEATURES AND TREATMENT RELEVANT TO
CARDIAC TECHNOLOGY AND BASIC LIFE SUPPORT**

Q.P. Code : 801531

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Etiology, clinical features, diagnosis and treatment in infective endocarditis.
2. Etiology, pathophysiology, diagnosis and treatment of shock.
3. Classify, diagnosis and treatment of hypertension.

II. Write Notes on:

(8 x 5 = 40)

1. Coronary angiogram.
2. Raynaud's disease.
3. Complications of infective endocarditis.
4. Low-molecular weight heparin.
5. Clinical features of acute pulmonary oedema.
6. Atrial septal defect.
7. Clinical features and treatment of atrial fibrillation.
8. Clinical features of mitral stenosis.

III. Write Notes on:

(10 x 3 = 30)

1. Complications of pericardial effusion.
2. Drugs used in treatment of anaphylaxis.
3. Ventricular septal defect.
4. Uses of Thrombolytic agents.
5. Post traumatic seizures.
6. Clinical features of limb ischemia.
7. Indications of pacemaker.
8. Arterial blood gas analysis.
9. Causes of syncope.
10. NSTEMI.
