

**B.Sc. CARDIAC TECHNOLOGY
THIRD YEAR**

PAPER I – CARDIAC CATHETERIZATION LABORATORY BASICS

Q.P. Code: 801521

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Right Heart Catheterization and Angioplasty – Indications/Procedure/Catheters.
2. PDA Device Closure – Indications and Procedure.
3. Cardiac Pressure monitoring in Lab.

II. Write notes on:

(8 x 5 = 40)

1. Guide Catheters.
2. Oxygen Dilution method.
3. Radiation Protection.
4. LV Angiogram.
5. Indications for Coronary Angioplasty.
6. Thermo Dilution.
7. Contrast Agents.
8. Image Intensifier.

III. Short answers on:

(10 x 3 = 30)

1. Right Coronary Artery.
2. Multi Purpose Catheter.
3. Aortogram.
4. Nicorandil.
5. Coronary Stents.
6. Catheter Sterilization.
7. Image Playback.
8. Damping.
9. RV Pressure Curve.
10. Forsmann.
