

B.Sc. CARDIAC TECHNOLOGY

THIRD YEAR

PAPER II – CARDIAC CATHETERIZATION LABORATORY ADVANCED

Q.P. Code: 801522

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Balloon mitral valvulotomy – Indication, procedure and complication.
2. Complication of PTCA and its management.
3. IABP – Indication/Procedure/Complications.

II. Write notes on: **(8 x 5 = 40)**

1. Coronary artery anatomy and common anomalies.
2. Types of permanent pacemaker.
3. Contrast agents.
4. EP Study indications.
5. OCT.
6. Graft angiogram.
7. LV angiogram.
8. Femoral artery canulation.

III. Short answers on: **(10 x 3 = 30)**

1. Amplatz catheter.
2. Types of LAD.
3. Stent thrombosis.
4. Endo myocardial biopsy.
5. Types of VSD.
6. Guide wires.
7. Cardiac resynchronisation therapy.
8. Radiation protection.
9. Coronary artery dissection.
10. Coronary flow reserve.
