

[LI 0216]

FEBRUARY 2016

Sub.Code: 1522

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. Catheterization and Angiography in children with congenital heart disease.
2. Device closure of PDA, ASD, VSD.
3. Technique and equipment used for transeptal puncture.

II. Write Notes on:

(8 x 5 = 40)

1. Management of Cardiac tamponade.
2. Self expanding stents, covered stents.
3. Aortic and Pulmonary valvuloplasty.
4. Follow-up of pacemaker patients.
5. Balloons in PTCA.
6. Guiding catheters in PTCA.
7. Contrast Nephropathy.
8. Endovascular Management of aneurysm.

III. Short Notes on:

(10 x 3 = 30)

1. Management of Perforation in PCI.
2. Setting up the laboratory for PTCA.
3. Measure to reduce contrast Nephropathy.
4. Equipments in peripheral interventions.
5. Pacemaker parameter checking.
6. Setting up the Laboratory for Permanent pacing.
7. Indications for IABP.
8. Manual Thrombus aspiration catheter.
9. Indication of IVC filter.
10. Types of Non-ionic agents.
