

[LH 0815]

AUGUST 2015

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. Hardwares used of Peripheral angiography and interventions.
2. Hardwares and techniques used for Balloon Mitral Valvuloplasty.
3. Theory of IABP.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Indication and techniques of Temporary pacing.
2. Technique and equipment used for transeptal puncture.
3. Equipment techniques used in peripheral intervention.
4. Device closure of VSD.
5. Intracardiac pressure recording.
6. Angioplasty of Coarctation of aorta.
7. Indications for IABP.
8. Follow up of pacemaker patients.

**III. Short Notes on:**

**(10 x 3 = 30)**

1. Indications for Permanent Pacemaker Implantation.
2. Management and Dissection during PTCA.
3. Management of Cardiac Tamponade.
4. ASD shunt calculation.
5. Types of Non-ionic agents.
6. Prevention of contrast used in Nephropathy.
7. Slow / No flow in PTCA.
8. Guiding catheters in PTCA.
9. Management of perforation during Coronary interventions
10. Describe about covered stent.

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