

QP Code: 311017

Reg. No.: .....

**Third Year BCVT Degree Supplementary Examinations August 2022**

**Cardiac Catheterization and Cath Lab**

**(2014 Scheme)**

**Time: 3 Hours**

**Max Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers.*
- *Draw Diagrams wherever necessary.*

**Essay**

**(20)**

1. Explain the Indications and Steps of Coronary Angioplasty. What are the different types of Balloons and stents used for PCI (Percutaneous Coronary Intervention).

**Short notes**

**(10x8=80)**

2. Radiation Protection in Cath lab
3. Intra-Aortic Balloon Pump
4. Contrast induced nephropathy
5. Cath Data of Tetralogy of Fallot
6. Radial artery access for Coronary intervention-technique, advantages, complications
7. Pericardial Tap- indications, techniques and complications
8. Indications of Temporary and Permanent pacing
9. Cardiac Resynchronization Therapy
10. Treatment of Coronary Perforation
11. Shunt Calculation

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