

QP Code: 311017

Reg. No.:

Third Year BCVT Degree Supplementary Examinations August 2023

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. Coronary guide catheters – Characteristics, classification, selection of guide catheters in various cases, Indications and contraindications of coronary angiography

Short notes

(10x8=80)

2. Alcohol septal ablation – Indications, technique and complications
3. Contrast induced nephropathy
4. Balloon pulmonary valvotomy – Indications, technique and complications
5. Intravascular ultrasound- equipment, technique, measurements and draw a diagram of normal arterial appearance on IVUS.
6. Factors affecting radiation exposure
7. IVC filter – Indications, techniques for insertion and retrieval, complications
8. Balloon sizing and balloon preparation for BMV
9. Implantable cardioverter defibrillator – Indications, techniques and complications
10. Vascular access site complications and management
11. Impella device – equipment, indications, hemodynamic effects and complications
