

**QP Code: 311017**

**Reg. No.: .....**

**Third Year BCVT Degree Examinations September 2018**

**Cardiac Catheterization and Cath Lab**

**(2014 Scheme)**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Discuss the types of contrast media used, their advantages and disadvantages. If a patient has serum creatinine 2.0mg/dl what precautions are to be taken.

**Short notes**

**(10x8=80)**

2. Venous and arterial check flow sheaths
3. Method of radial artery puncture
4. Radiation protection in cath lab
5. Types of guide wires and their uses
6. Waste management in cath lab
7. Pig tail catheter
8. Indications for temporary and permanent pacing
9. DDD pacing
10. Slow flow, no flow phenomenon- management"
11. Intra-aortic balloon pump

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