

**QP Code: 201017**

Reg.No.: .....

Second Year BCVT Degree Examinations – September 2016

**ECG, Echo, Holter**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Discuss the ECG changes of acute myocardial infarction. Discuss the usefulness of echo in the setting of acute myocardial infarction.

**Short notes**

**(10x8=80)**

2. Diagnosis of sick sinus syndrome by holter analysis.
3. Trans-esophageal echo-indications and patient preparation.
4. What is tissue doppler. And mention its uses.
5. ECG and echo findings in atrial septal defect.
6. What are the various protocols used for exercise ECG
7. Broad QRS tachycardia-differential diagnosis.
8. Exercise ECG-patient preparation and lead placement
9. Indications and technique of contrast echocardiography
10. Echo parameters to assess mitral stenosis severity
11. Name the various types of atrio - ventricular blocks in ECG and their salient ECG findings.

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