

**Final Year BCVT Degree Supplementary Examinations September 2017**

**ECG, Echo, Holter**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Discuss the serial ECG changes that occur in Inferior wall myocardial infarction with the help of diagrams. Discuss how to localize the artery involved with ECG. Also discuss the ECG changes and arrhythmias in ECG indicating successful reperfusion following thrombolytic therapy.

**Short notes**

**(10x8=80)**

2. Indications of Holter monitoring
3. Echo features of hypertrophic obstructive cardiomyopathy
4. Mention how leads are placed before doing treadmill test
5. Procedure of doing a trans esophageal echo
6. Mention the different protocols used for doing treadmill test
7. Severe mitral stenosis- echo findings
8. Normal waveforms in ECG and their physiologic basis
9. Echo in atrial septal defect
10. Indications for doing a treadmill test
11. Features of sick sinus syndrome in holter monitoring

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