

**QP Code: 302017**

Reg.No.: .....

Final Year BCVT Degree Examinations - September 2014

**ECG, Echo, Holter**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Enumerate the causes of aortic stenosis. Describe the various echocardiography methods used to diagnose and quantify the severity of aortic stenosis.

**Short notes**

**(10x8=80)**

2. Classify atrio-ventricular (AV) blocks and its causes
3. Right bundle branch block
4. Prinzmetal's angina
5. Bernoulli's equation
6. Various types of transducer
7. Sick sinus syndrome
8. Difference between pulse wave and continuous wave Doppler
9. Indications, contraindications and applications of dobutamine stress echocardiography
10. Standardization of ECG
11. Classify ventricular arrhythmias and add a note on ventricular tachycardia

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