

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

**Basic Sciences**

**(2011 Scheme)**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Explain the etiology, epidemiology, pathophysiologic lesion and clinical features of rheumatic fever. Add a note on Jones criteria for rheumatic fever

**Short notes**

**(10x8=80)**

2. Various methods of HR assessment
3. Aseptic precautions in cathlab
4. Characteristic features of pulse
5. Causes of continuous murmur
6. Define components of blood pressure
7. Measurement of systemic and pulmonary flow
8. Explain aortic branches with a labelled diagram
9. Anti arrhythmic drugs
10. Diuretics
11. ACE inhibitors.

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