

**QP Code: 301017**

Reg.No.: .....

Final Year BCVT Degree Examinations – September 2016

**Basic Sciences**

**(2011 Scheme)**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

**(20)**

1. Explain the pathophysiology and etiology of aortic regurgitation in detail

**Short notes**

**(10x8=80)**

2. Pulmonary artery hypertension
3. Pathophysiology of acute myocardial infarction
4. Korotkoff sounds
5. Right heart failure
6. Septic shock
7. Beta blockers
8. Physiology of oxygen transport
9. Pathophysiology of mitral regurgitation
10. Constrictive pericarditis
11. Cardiac output measurements.

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