

QP Code: 101017

Reg. No.:

First Year BCVT Degree Examinations August 2018

Basic Sciences

(2014 Scheme)

Time: 3 Hours

Max Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essay

(20)

1. Explain an arterial pulse with diagram. Briefly describe the abnormal pulses

Short notes

(10x8=80)

2. Explain the anatomical identification of right sided chambers with diagram.
3. Briefly describe the auscultatory areas of heart sounds.
4. Explain the pathophysiology in pericardial effusion.
5. Explain the various methods of cardiac output measurements.
6. Continuous murmur.
7. Discuss on systolic phases of cardiac cycle.
8. Vasodilators – uses, dose and side effects.
9. Causes and mechanism of mitral regurgitation.
10. Explain the hemodynamics in right to left shunts at atrial level.
11. Explain the pathophysiology of pulmonary artery hypertension and its presentation
