

QP Code: 201017

Reg. No.:

Second Year BCVT Degree Supplementary Examinations August 2022

ECG, Echo, Holter

(2014 Scheme)

Time: 3 Hours

Max Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(20)

1. What are the indications and complications of dobutamine stress echocardiography and explain bull's eye with diagram.

Short notes

(10x8=80)

2. Enumerate the steps in the interpretation of ECG.
3. ECG findings in left bundle branch blocks and its causes.
4. What are the indications and contraindications in exercise stress test
5. Left ventricular diastolic function assessment in echocardiography.
6. Explain M - mode in – mitral stenosis, LBBB and pre tricuspid left to right shunt.
7. What are the indications for contrast echocardiography
8. What are the unipolar and bipolar leads in ECG
9. Explain mitral valve doppler in – atrial fibrillation, complete heart block and ventricular premature beat.
10. Explain the various types of transducers in ultrasound and its application in detail.
11. Severity assessment of mitral regurgitation by echocardiography
