

QP Code: 201017

Reg. No.:

**Second Year BCVT Degree Regular/Supplementary Examinations
February 2024
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. Enumerate the causes of mitral regurgitation. Discuss the various parameters in echocardiography useful for diagnosis and quantification of mitral regurgitation. Add a note on the usefulness of trans-esophageal echocardiography in this lesion.

Short notes

(10x8=80)

2. Indications for holter monitoring
3. Discuss the waveforms in normal ECG tracing
4. Indications for doing an exercise ECG
5. Diagnosis of left ventricular hypertrophy in an adult from ECG
6. Applications of dobutamine stress echocardiography
7. Narrow QRS tachycardia
8. Clinical parameters monitored during an exercise ECG.
9. Explain the principle of echocardiography
10. ECG findings of left bundle branch block
11. Types and diagnosis of second degree heart block
