

Second Year BCVT Degree Regular/Supplementary Examinations
January 2025
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 Aortic Stenosis. Discuss the various parameters in Echocardiography useful for diagnosis and quantification of Aortic Stenosis.

Short notes

(10x8=80)

2. Discuss the normal Waveforms, Segments and Intervals in Electrocardiogram.
3. ECG findings in Ventricular Tachycardia.
4. ECG criteria for Left Bundle Branch Block (LBBB).
5. Discuss the various protocols in Treadmill Test.
6. Analysis and Interpretation of Holter.
7. What is Tissue Doppler. Mention its uses.
8. Echocardiographic evaluation in Atrial Septal Defect.
9. Trans Oesophageal Echo assessment of Mitral Valve Prolapse.
10. Severity of Mitral Regurgitation assessment in Echocardiogram.
11. Valsalva Maneuver – Uses in Echocardiography.
