

QP Code: 201017

Reg. No.: .....

**Second Year BCVT Degree Supplementary Examinations August 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. Write indications, procedure protocol, contraindications and interpretation of stress echocardiography.

**Short notes**

**(10x8=80)**

2. Rate pressure product.
3. Risks of exercise ECG (Treadmill Tests).
4. Lead placements in exercise ECG testing.
5. Indications of trans esophageal echocardiography.
6. Atrial septal defect assessment in trans esophageal echo.
7. ECG criteria for right bundle branch block.
8. Utility of tissue Doppler imaging.
9. Indications for holter tests.
10. Intracardiac echocardiography.
11. Left ventricular diastolic function assessment in echo.

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