

QP Code: 101017

Reg. No.:

**First Year BCVT Degree Regular/Supplementary Examinations
December 2024**

Basic Sciences

(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. Describe pathology and pathophysiology of rheumatic fever.

Short notes

(10x8=80)

2. Draw and label normal ECG wave form in lead 2 and the explain the waves and segments
3. Atropine
4. Venous anatomy of heart and clinical significance
5. Diagnostic criteria of infective endocarditis
6. Explain the Vaughan Williams classification of antiarrhythmic drugs including examples for each class
7. TOF - describe the anatomical components and clinical features
8. Describe the types, pathophysiology and clinical features of heart failure
9. Diagnosis of mitral stenosis by echo.
10. Protamine dosing and side effects
11. Sterilization in cathlab.
