

First Year BCVT Degree Supplementary Examinations June 2025
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. Discuss the pathophysiology, risk factors, clinical features, ECG, other diagnostic methods and management of Acute myocardial infarction

Short notes

(10x8=80)

2. Describe conduction system of heart and the pathway of electrical impulse propagation
3. Cardiac tamponade pathophysiology clinical features and management
4. Second heart sound
5. Describe the role of TAVI (Transcatheter Aortic valve implantation) in management of Aortic stenosis
6. Discuss Antiarrhythmic drugs.
7. Describe the types and management of Atrioventricular [AV] Block
8. Describe the microbiology of Prosthetic valve endocarditis
9. Pathophysiology types and management of Aortic dissection
10. Discuss coronary artery anatomy.
11. Management of cyanotic spells
