

School of Medical and Allied Sciences

Cardiovascular Technology

ETE - Jun 2023

Time : 3 Hours

Marks : 100

SEM IV - BCVT4003 - ADVANCEDELECTRO-CARDIOGRAPHY-I

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. Explain bifascicular block. What are the ECG changes seen in left anterior fascicular. K2 CO3 (5)
2. What are the differences in the ECG findings in left and right ventricular hypertrophy? K1 CO2 (5)
3. What is atrial tachycardia? K1 CO1 (5)
4. Solve: Focal atrial tachycardia. K3 CO2 (10)
5. Solve: W pattern in ECG. K3 CO3 (10)
6. Explain the QRS complex. K2 CO1 (10)
- 7) Analyze the conducting system of the heart. Explain the action potential in the myocardial cell. K4 CO2 (10)

OR

- Analyze left posterior fascicular block. Write a note on saline. K4 CO2 (10)
- 8) Explain the placements of leads when you need to diagnose suspected right-sided myocardial infarction with diagrams. Write a note on the ECG criteria and the management. K5 CO3 (15)

OR

- Explain the difference between the management of right sided and left sided myocardial infarction. Why? Name cardiac biomarkers. K5 CO3 (15)
9. Analyze the mechanisms for arrhythmia and explain the most common arrhythmia seen in patients. K4 CO1 (15)
 10. Explain fluids. K5 CO2 (15)