

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (CARDIAC TECHNOLOGY) DEGREE EXAMINATION
March 2019
Third Year

ADVANCED ELECTRO CARDIOGRAPHY (ECG)

Time: Three hours

Maximum: 75 marks

I. Write an Essay on any ONE of the following: (1 x 20 = 20)

1. Types of ventricular arrhythmias. Explain in detail about ventricular tachycardia and ventricular fibrillation.
2. Explain the three electrocardiographic phases of MI in detail.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. ECG manifestations in Left Posterior Hemiblock.
4. Describe ECG manifestations in Right Bundle Branch Block (RBBB).
5. ECG manifestations in right ventricular hypertrophy.
6. ECG manifestations in Wolf- Parkinson- White syndrome.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Explain the electrocardiogram as a prognostic guide in myocardial infarction.
8. ECG manifestations in hypothermia.
9. Stokes - Adams - Syncopal - attacks.
10. Indications for Cardioversion.
11. ECG changes in Supra Ventricular Tachycardia.
12. Posterior wall Myocardial Infarction.
13. ECG manifestation in Right Atrial Enlargement.
14. Romhilt & Estes point score system in left ventricular hypertrophy.
15. ECG changes in Atrial Fibrillation.
16. ECG manifestation in hypokalemia.
