

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

**B.Sc. (CARDIAC TECHNOLOGY) & M.Sc (INTEGRATED
PROGRAMS IN CARDIAC TECHNOLOGY) DEGREE
EXAMINATION February 2020**

Second Year

MEDICINE RELEVANT TO CARDIAC CARE TECHNOLOGY

Time: Three hours

Maximum: 75 marks

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

1. Definition, Types, Signs and Symptoms, Causes, Complications, Diagnosis and Management of Diabetes Mellitus.
2. Definition, Types, Symptoms, Diagnosis, Treatment, Prevention and Prognosis of Cerebro Vascular Accident.

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

3. Definition, Classification, Causes and Management of Acute Renal Failure.
4. Discuss the Causes, Symptoms, Exams and Test, Treatment, Prognosis and Complications of Bleeding Disorders.
5. Risk factors for Coronary Artery Disease – Explain.
6. Stage of Pulmonary Edema with diagram.

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

7. Discuss types and Causes of Anemia.
8. Classification of Epilepsy.
9. Complication of Obesity.
10. Pathophysiology of Coronary Atherosclerosis.
11. Management of COPD.
12. Diagnosis for Peripheral Vascular Disease.
13. Signs and Symptoms of Right heart failure.
14. Indications for PRT.
15. Types of Dialysis.
16. Types of VSD with diagram.