

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

B.Sc. (CARDIAC TECHNOLOGY) DEGREE EXAMINATION
September 2021
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. Discuss the causes, pathology, risk factors, complications and management of Coronary Artery disease.
2. Definition, stages, signs and symptoms, causes, diagnosis and treatment of CKD (Chronic Kidney Disease)

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

3. Explain aetiology, clinical features & investigations of left Heart Failure.
4. Discuss the types, causes, clinical features and investigations of cardiomyopathy.
5. Definition, signs and symptoms and complications of pregnancy.
6. Discuss the principles uses and types of dialysis.

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

7. Mental marks of old age.
8. Pulmonary function test and its interpretation.
9. Definition and classification of pediatric patient.
10. Types of diabetes mellitus.
11. Causes and complications of Rheumatic fever.
12. Complications and treatment of obesity.
13. Types of ASD with diagram.
14. Clinical features and investigations of dissecting Aneurysm.
15. Aetiology of primary and secondary hypertension.
16. Acute pulmonary oedema – Explain.