

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0423]

APRIL 2023

Sub. Code: 2612

B.Sc. RESPIRATORY THERAPY
SECOND YEAR (Regulations 2014-2015 & 2018-2019 onwards)
PAPER II – CARDIOVASCULAR DISEASES
Q.P. Code: 802612

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. ST Segment Elevation Myocardial Infarction (STEMI) – Definition, Risk Factors, Pathogenesis, Diagnosis and Management.
2. Classify Arrhythmias. Discuss on Tachyarrhythmias and its management.
3. Symptoms, Pathogenesis, Clinical features and Management of Pulmonary Embolism.

II. Write notes on:

(8 x 5 = 40)

1. Treatment of Cardiogenic shock.
2. Definition and Classification of Pulmonary Hypertension.
3. Basic Life Support.
4. Dilated Cardiomyopathy.
5. Infective Endocarditis – Diagnosis and Management.
6. Cardiac defects in Tetralogy of Fallot. Explain Clinical features.
7. Classification of Acute Coronary Syndrome.
8. Signs and symptoms of Mitral Stenosis.

III. Short answers on:

(10 x 3 = 30)

1. Contra indications for Fibrinolysis in Myocardial Infarction.
2. Lifestyle modifications for Coronary Artery disease.
3. Cardiac Tamponade – Definition and Treatment.
4. Left to Right shunts.
5. Uses of Defibrillator.
6. Diagnosis of Myocarditis.
7. Right Heart Failure-Clinical features and management.
8. Complete Heart Block.
9. Types of Shock.
10. Features of Acute Rheumatic Fever.
