

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1621

**B.Sc. PHYSICIAN ASSISTANT**

**THIRD YEAR – (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)**

**PAPER I – CARDIOLOGY AND CARDIAC SURGERY / NEUROLOGY**

*Q.P. Code: 801621*

**Time: Three Hours**

**Answer ALL questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Describe Coronary Anatomy. What is the pathophysiology of Myocardial infarction? Elaborate on ECG changes and its usefulness in the localization of the coronary artery involved.
2. What are Cardiac Left to Right Shunt Lesions? Describe the clinical features and the Echocardiographic changes.
3. How do you define Stroke? Discuss the various types of Stroke. Describe the role of Thrombolytic therapy in Stroke.

**II. Write notes on:**

**(8 x 5 = 40)**

1. What is meant by complete heart block? What are the causes?
2. How do you define brain death?
3. Atrial fibrillation.
4. Drugs used in heart failure.
5. Treatment of Tetralogy of Fallot.
6. Tuberculous meningitis.
7. Myasthenia gravis.
8. Parkinson's disease - Clinical features.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Migraine.
2. Indications of Holter Monitoring.
3. Pericardial effusion.
4. Auscultatory findings in Mitral Stenosis.
5. Wolf Parkinson White syndrome.
6. Neuromuscular Junction - Illustration.
7. Optic nerve.
8. Polycythemia.
9. Causes of epilepsy.
10. Ventricular fibrillation - Definition and Management.

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