

[AHS 0321]

MARCH 2021

Sub. Code: 1509

(AUGUST 2020 EXAM SESSION)

B.Sc. CARDIAC TECHNOLOGY

FIRST YEAR (Regulation 2014-2015)

PAPER II – PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY

RELATED TO CARDIAC TECHNOLOGY

Q.P. Code : 801509

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. What is Cardiomyopathy? Briefly describe the causes and clinical presentation of different types of Cardiomyopathy.
2. Define Aneurysm. Write in detail about the pathogenesis, morphology and complication of Aneurysm.
3. Classify and mention the risk factors of hypertension. Briefly discuss about role of kidney in regulation of blood pressure.

II. Write Notes on:

(8 x 5 = 40)

1. Tetralogy of Fallot.
2. Giant cell arteritis.
3. Explain the uses and adverse effects of proton pump inhibitors.
4. Clopidogrel in ischemic heart disease.
5. Left atrial myxoma.
6. Types of angina pectoris.
7. Potassium sparing diuretics.
8. Statins.

III. Short Notes on:

(10 x 3 = 30)

1. Varicose veins.
2. Atheromatous plaque.
3. Angioplasty.
4. Ebstein anomaly.
5. Aschoff bodies.
6. Causes of left sided heart failure.
7. Enumerate non modifiable coronary risk factors.
8. Valvuloplasty.
9. Name five cardiotoxic drugs.
10. Ring abscess.
