

[LN 0818]

AUGUST 2018

Sub. Code: 2612

**B.Sc. RESPIRATORY THERAPY**

**SECOND YEAR**

**PAPER II – CARDIOVASCULAR DISEASES**

*Q.P. Code: 802612*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. What is pulmonary hypertension? Explain about its pathogenesis, clinical features, diagnosis and management.
2. Explain in detail about congenital heart diseases.
3. What are acute cardiac emergencies? Write in detail about one condition.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. How will you differentiate hydrostatic and non-hydrostatic pulmonary edema in the clinical setting?
2. What are the types of heart failure and how will you differentiate it?
3. Write about mitral valvular heart disease.
4. Write a brief note on endocarditis.
5. Write the differences between tachy-arrhythmias and brady-arrhythmias.
6. Write in detail about ventricular septal defect.
7. Risk factors and prevention for coronary artery disease.
8. Write about diagnosis and management of myocardial infarction.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. What is cardiogenic shock?
2. What are the symptoms and predisposing factors for pulmonary embolism?
3. Prevention of coronary artery disease.
4. Difference between acyanotic and cyanotic heart diseases.
5. Write about the management of mitral valve regurgitation.
6. What is cardiomyopathy? What are its types?
7. Write about the management of Pulmonary embolism.
8. Causes of cardiac failure.
9. How will you differentiate cardiac and respiratory failure?
10. Precautions to be taken in a patient with pacemaker.

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