

Tanta University

Cardiology Master Degree (Policy 2005)

Faculty of Medicine

Number of Questions: 5

Department of Cardiology

Time Allowed : 3 Hours

October 7<sup>th</sup>, 2019

Second Part, First Paper



## Cardiology

**All the following questions should be answered in short:**

- 1- Medical management chronic coronary syndromes.**
- 2- Prognosis of chronic heart failure.**
- 3- Acute aortic syndromes.**
- 4- Prosthetic valve dysfunction.**
- 5- Management of haemodynamically stable suspected pulmonary embolism.**

Good luck

Tanta University

Faculty of Medicine

Department of Cardiology

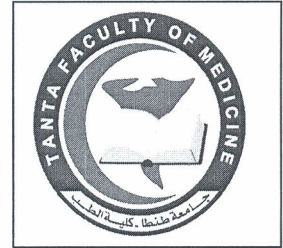
October 13<sup>th</sup>, 2019

Cardiology Master Degree (Policy 2005)

Number of Questions: 5

Time Allowed : 3 Hours

Second Part, Second Paper



## Cardiology

**All the following questions should be answered:**

- 1- Causes and management of cardiac tamponade.**
- 2- Hypertension in pregnancy.**
- 3- Thrombo-embolic prevention in atrial fibrillation.**
- 4- Cardiac Myxomas.**
- 5- Thyroid disorders and heart.**

Good luck

Tanta University

Cardiology Master Degree (Policy 2013 Semesters)

Faculty of Medicine

Number of Questions: 10 + One Problem Solving

Department of Cardiology

Time Allowed : 3 Hours

October 19<sup>th</sup>, 2019

Second Part, First Paper



## Cardiology

Answer all the following questions in short (Each Question 15 marks):

- 1- Scheme of management of severe chronic primary mitral regurgitation.
- 2- Scheme of time management of patient presented to ER with STEMI.
- 3- Antithrombotic therapy indications in chronic coronary syndromes.
- 4- Lines of treatment of acute heart failure based on clinical profile.
- 5- Clinical, ECG and Echo characteristics of hypertrophic cardiomyopathy.
- 6- Classification of pulmonary hypertension.
- 7- Scheme of management of suspected pulmonary embolism with hemodynamic instability.
- 8- Risk criteria mandating invasive strategy in NSTEMI-ACS.
- 9- Role of echocardiography in infective endocarditis.
- 10- Enumerate causes and characteristics of restrictive cardiomyopathy.

**Problem Solving (30 Marks):**

A 44-year-old banker presents with a 3-month history of breathlessness on exertion, ankle swelling and palpitations. He has been previously fit and well. There is no history of hypertension or vascular disease. He is a non-smoker. There is no family history of cardiac disease. On examination, he is in atrial fibrillation at a rate of 100 bpm; blood pressure 100/70 mmHg. JVP is elevated to mid-neck with a prominent V wave. On cardiac auscultation, the apex beat is displaced and he has a third heart sound. Examination of the chest reveals bilateral basal crackles. A diagnosis of heart failure is made.

1. Give other symptoms are associated with this syndrome? (6 marks)
2. What other aspect of the history may be important? (4 mark)
3. What are the initial investigations would you request in the clinic? (10 marks)
4. Name classes of drugs that are proven to reduce mortality in this condition? (10 marks)

Good luck