



كلية الطب

جامعة أسيوط
كلية الطب

الزمن : ٣ ساعات

امتحان ماجستير القلب الجزء الأول

Basic Cardiology

1. Management of acute dyspnea in young female patient (20 Marks)
2. Discusses briefly:
 - A-What ion is important for excitation contraction coupling in Cardiac muscle (7 marks)
 - B-What are three factors that are important in promoting venous return (7 marks)
 - C-Indications of Dobutamine Stress Echocardiography (10 marks)
 - E-the Role of global longitudinal strain(GLS) for LV Ejection fraction Assessment (6 marks)
3. Recent guidelines for treatment of Deep Venous Thrombosis in Cancer patients (15 marks)
4. Indication of multislice CT (MSCT) in cardiology (25 marks)
5. Give short Note on: (35 marks)
 - 1-What are the predisposing factors and life-threatening complications of acute Aortic dissection ?
 2. How do you diagnose and treat Acute pericarditis
 3. What is the classic symptoms in Aortic stenosis ?
 4. In a patient with unstable angina or a non-ST elevation MI (NSTEMI), when should an early invasive strategy be used?
 - 5- What are the causes of ECG changes in hypothyroidism?