

الزمن : ٣ ساعات

امتحان ماجستير القلب
الجزء الأول

Basic Cardiology

1. Management of acute myocardial infarction in patient with COVID -19
(20 Mark)

2. Discusses briefly:

A-The role of calcium ion in myocardial excitation contraction coupling (7 marks)

B-Factors affecting on venous return (7 marks)

C-Duke Score for Assessment of risk stratification (10 marks)

E-the role of automated 3D Echocardiography for LV Ejection fraction Assessment (6 marks)

3. Recent guidelines for treatment of Atrial Fibrillation(AF) with primary PCI
(15 marks)

4. Indication and applications of radiology methods in cardiology (35 marks)

5. Give short Note on: (25 marks)

1. What are the five life-threatening complications of aortic dissection?
2. How do you diagnose and treat cardiac tamponade
3. What is the classic triad of 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 ST elevation on ECG besides acute MI?