



Emergency medicine &
Traumatology Department

Exam: Master's degree (2nd part)
Paper 3

No. Of Questions:12

Date:12/6/2021

Time allowed: 3 hours

Total marks: 135

Tanta University
Faculty of Medicine

1. Mechanism, diagnosis and management of anterior shoulder dislocation. (10)
2. Management of hip fractures in elderly. (10)
3. Indications of Emergency Department thoracotomy in blunt and Penetrating trauma. (15)
4. Treatment of tension pneumothorax. (5)
5. Differential diagnosis of acute red eye. (15)
6. Management of epistaxis and mention patient disposition. (15)
7. Female 25 years old primigravida, 37 weeks of gestation, presented to Emergency Department after road traffic collision with the following:
blood pressure:80/40, heart rate: 135, spo2: 96% on room air. (25)
Mention your initial management.
9. Goal directed therapy in brain injury. (10)
10. NEXUS criteria or Canadian cervical spine rules. (10)
11. Management of testicular torsion. (10)
12. Fournier Gangrene. (10)

All questions should be answered

"Good Luck"



Emergency medicine &
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Exam: Master's degree (2nd part)

Paper 2

No. Of Questions:10

Date: 8/6/2021

Time allowed: 3 hours

Total marks: 270



Tanta University
Faculty of Medicine

1. A child 4 years old came to Emergency department and his mother said that he swallowed parts of his broken toy. Mention how will you manage. (30)
2. Diagnosis and treatment of acute cholecystitis. (25)
3. Management of acute right lower abdominal pain in 25 years old married female. (25)
4. Manifestations and diagnosis of pyloric stenosis. (25)
5. Causes of Neonatal Intestinal Obstruction and discuss in brief one of them. (25)
6. Mention hard and soft signs of arterial injury and diagnosis of peripheral vascular injuries. (30)
7. Lower limb DVT treatment. (25)
8. Clinical picture of abdominal aortic aneurysm. (25)
9. Tripod fracture: examination and diagnosis. (15)
10. A 30years old female brought to Emergency Department after explosion in her kitchen with 2nd degree flame burn to her face, both upper limbs and front of chest and abdomen. Her weight is 65 kg, patient told you that she had to jump from 2nd floor to escape from burning apartment. (15)
 - Discuss fluid resuscitation of this patient during first 24 hours.
 - Management of this patient in Emergency Department and mention possible injuries. (30)

All questions should be answered

"Good Luck"



Emergency medicine &
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Exam: Master Degree
Paper: 1
No. of Questions: 10
Date: 17/5/2021
Time allowed: 3hours
Total marks: 140



Tanta University
Faculty of Medicine

Give an account on:

1. Causes and management of hyperkalemia (15)
2. Modification to advanced life support "ALS" algorithm in hypothermic cardiac arrest (15)
3. Indications & contraindications to thrombolysis in acute stroke (15)
4. Assessment of suicidal risk (15)
5. Diagnosis of cardiac tamponade (15)
6. Diagnosis & management of acute pulmonary edema (15)
7. Management of a patient with acute severe asthma (15)
8. Indications & contraindications for non invasive ventilation in emergency department (15)
9. Management of upper gastrointestinal bleeding (10)
10. Complications and management of diabetic ketoacidosis (10)

All questions should be answered

“Good luck”



Emergency medicine &
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Exam: Master's degree (2nd part)

Paper 1

No. Of Questions:11

Date: 1/6/2021

Time allowed: 3 hours

Total marks: 135



Tanta University
Faculty of Medicine

1. Predictors of the need to apply Major Hemorrhage Protocol. (10)
2. Treatment of anaphylaxis. (15)
3. Contraindications of Non-invasive mechanical ventilation. (5)
4. How to assess severity of acute pancreatitis? (10)
5. Diagnosis of hyperosmolar hyperglycemic states. (10)
6. Stroke mimics. (15)
7. Management of agitated and violent patient (10)
8. Treatment of atrial fibrillation (AF). (15)
9. Early and late complications of acute myocardial infarction (15)
10. Treatment and poor prognostic factors in patients with acute asthma exacerbation. (20)
11. Diagnosis of spontaneous pneumothorax. (10)

All questions should be answered

"Good Luck"