



Emergency medicine &
Traumatology Department

Exam: MD (2nd part)
Paper: 1
No. of Questions: 6
Date: 20/4/2019
Time allowed: 1.5 hours
Total marks: 120



Tanta University
Faculty of Medicine

Give an account on:

- 1) Acute Respiratory Distress Syndrome (ARDS); Definition, Etiology, Diagnosis and Initial Ventilatory strategy in ED. **(20 marks)**
- 2) Hypotonic Hyponatremia, Etiology, Presentation and Management options in ED. **(20 marks)**
- 3) Massive Blood Transfusion Protocol in trauma patients. **(20 marks)**
- 4) Difficult airway, Predictors and Management strategies. **(20 marks)**
- 5) Uses of End tidal Capnography in ED. **(10 marks)**
- 6) A 27 years old diabetic male patient presented to ED with recent onset shortness of breath. He also reported nausea, abdominal pain and polyurea over last 2 days. Basic metabolic profile showed PH 7.4, PaCO₂ 20 mm.hg, PaO₂ 60 mm.hg, Hco₃ 12 mEq/l, Na 136 mEq/l, Cl 102 mEq/l, Random blood sugar 500 mg/dl.
 - a. Analyze ABG results? **(10 marks)**
 - b. List possible differential diagnosis for theses derangements? **(10 marks)**
 - c. Demonstrate further diagnostic work-up for this patient? **(10 marks)**

All questions should be answered

“Good luck”



Emergency medicine &
Traumatology Department

Exam: MD (2nd part)
Paper: 3
No. of Questions: 10
Date: 30/4/2019
Time allowed: 3hours
Total marks: 360



Tanta University
Faculty of Medicine

Give an account on:

- 1) Dog bite wound management in ED. **(20 marks)**
- 2) Diagnosis of mesenteric vascular ischemia in ED. **(20 marks)**
- 3) Differential Diagnosis of acute scrotum in pediatric age group. **(40 marks)**
- 4) Initial ED management of patient with second degree thermal burn caused by an explosion, involving 25% of total body surface area. **(60 marks)**
- 5) Deep vein thrombosis, Risk Factors-Diagnosis and Complications. **(40 marks)**
- 6) Shoulder Dislocation, Clinical presentation, Mechanism of injury & Radiological features of its different types. **(30 marks)**
- 7) Etiology-Presentation and Diagnostic work-up of septic arthritis. **(30 marks)**
- 8) Diagnostic approach of life-threatening injuries associated with left sided stab chest injury. **(60 marks)**
- 9) Neurological assessment of patients with suspected spine injury. **(40 marks)**
- 10) Safe Disposition of patients with mild traumatic brain injury from ED. **(20 marks)**

All questions should be answered

“Good luck”



Emergency medicine &
Traumatology Department

Exam: MD (2nd part)
Paper: 2
No. of Questions: 12
Date: 24/4/2019
Time allowed: 3 hours
Total marks: 240



Tanta University
Faculty of Medicine

Give an account on:

- 1) ED management of patients with active upper gastrointestinal bleeding. **(30 marks)**
- 2) Precipitating factors & Clinical presentation of thyroid storm. **(20 marks)**
- 3) Definition, staging and Causes of Acute Kidney injury (AKI). **(10 marks)**
- 4) Treatment of Acute severe asthma attack. **(30 marks)**
- 5) Atypical Bacterial Pneumonia, Causative pathogens & Clinical presentation. **(15 marks)**
- 6) Treatment options of Spontaneous Pneumothorax. **(15 marks)**
- 7) ED management of patients with inferior wall ST-Segment elevation Myocardial Infarction (STEMI). **(30 marks)**
- 8) Updates in management of asymptomatic patients presenting to ED with severely elevated blood pressure. **(10 marks)**
- 9) Imaging Modalities & Thrombolytic Therapy of acute Ischemic stroke. **(30 marks)**
- 10) Clinical differentiation between Peripheral & Central causes of vertigo. **(10 marks)**
- 11) ED Disposition of children with febrile seizures. **(20 marks)**
- 12) Differential Diagnosis of 2 years old child presenting to ED with acute onset stridor. **(20 marks)**

All questions should be answered

“Good luck”

Tanta University

Faculty of Medicine

Diagnostic Radiology & medical imaging department

2nd paper

MD Diagnostic Radiology Examination

(List 2013)

Time allowed : 3 hours Date : 24/4/2019 (marks = 260)

All questions must be attempted

جميع الاسئلة اجبارية

- 1-Discuss radiological features of emphysematous infections of the abdomen and pelvis (70 degree)
- 2-Discuss diagnostic imaging of internal hernias (60 degree)
- 3-Discuss spinal changes in metabolic & endocrinal disorders (70 degree)
- 4-Imaging of childhood vasculitis (60 degree)

Good Luck