



Emergency medicine &  
Traumatology Department

Exam: Master Degree  
Paper: 3  
No. of Questions:  
Date: 29/10/2018  
Time allowed: 3hours  
Total marks: 170



Tanta University  
Faculty of Medicine

**Give an account on:**

• **Orthopedics:**

1. Diagnosis of acute osteomyelitis (15)
2. First aid treatment of pelvic fractures (15)

• **Cardiothoracic surgery:**

1. Etiology, complications and management of fracture sternum (15)
2. Possible injuries, complications and management of stab wound in 7<sup>th</sup> right intercostal space at the mid-axillary line (15)

• **Neurosurgery:**

Management of subarachnoid hemorrhage in the neurocritical care unit (20)

• **Ophthalmology:**

Management of chemical injuries to eye (15)

• **Urology:**

1. Enumerate causes of hematuria and indications for admission (15)
2. Differential diagnosis of an acutely painful scrotum (15)

• **Obstetrics and Gynecology:**

1. Diagnosis and treatment of placental abruption (15)
2. Diagnosis and complications of ovarian cysts (15)

• **ENT surgery:**

Indications and types of Cricothyroidotomy (15)

**All questions should be answered**

***“Good luck”***

Date /10 /2018.

time:1.5 hour 100 marks

**All questions are to be answered:**

- 1- -Famous microbes causing pneumonia ,2 important investigations ,how to manage in ER . ? ( 20 marks).
- 2- Diabetic patient with a deep crushed wound that are contaminated with stool & dirt, occurred on a farm .It was admitted to the ER;  
a- you are afraid of what . b- how to protect your patient .  
C – what is the pathogenesis . d- how to diagnose . (20 marks).
- 3- Anaphylactic shock ; This condition is dangerous. If it isn't treated immediately, it can result in serious complications and even be death I.  
Argue this statement , illustrating underlying mechanisms and management .  
(20 marks).
- 4 – microbial causes of meningitis ;presented by what ; how to manage ? 20
- 5- Disinfection and sterilization methods play important roles in infection prevention and contamination control, differentiate between them & mention methods of sterilization or disinfection of each of : catheters , metal surgical instruments , gown ,vials of medications ,skin of patient , the operation theatre & syringes ? (20 marks).

Oral Monday / 10 / 18 امتحان الشفهي يوم

**GOOD LUCK**