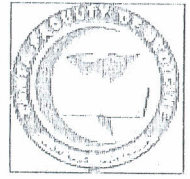


clin. path 20/20

Tanta University
Faculty of Medicine
Clinical pathology Department
Date: 5-9-2020
MD of clinical pathology
(Microbiology)
Number of Questions: (3)
Total: 100 Marks



All questions should be answered

Q1- Discuss pathogenesis, laboratory diagnosis of each of the following:

- A) Helicobacter pylori (10 marks)
- B) Hospital acquired pseudomonas infection (10 marks)
- C) Atypical pneumonia (5 marks)

Q2- Write in details:

- A) Causes, classifications and laboratory diagnosis of viral pneumonia (15 marks)
- B) Pathogenesis, transmission and laboratory diagnosis of HIV (15 marks)

Q3- Write on each of the followings:

- A) Factors affecting antimicrobial susceptibility disc diffusion test and its quality control (15 marks)
- B) Phenotypic detection of resistant gram positive organisms (15 marks)
- C) Definition and components of laboratory biosafety (15 marks)

Best wishes