

Biochemistry Exam. For Tropical M.S.

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Write on the following:

1. Etiology and management of obstructive jaundice.
2. Thiamine deficiency.
3. Types of glycosuria.

Good Luck

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Examination for Master degree in: Tropical Medicine
Course title: Medical Microbiology & Immunology
Date: 2/9/ 2019
Term: August 2019
Time allowed: 1 hour
Total assessment marks: 15 marks



Tanta University
Faculty of Medicine
Microbiology Department

Answer the following questions:

- 1- Mention the complications associated with antibiotic treatments and how to overcome the problem of drug resistance. (2 marks)
- 2- Compare between classic and super antigen (2 marks)
- 3- **Mention the causative agent and mode of transmission of the following diseases:** (1 mark each)
 - a) Subacute bacterial endocarditis
 - b) Infectious mononucleosis
 - c) Malta fever.
 - d) Whooping cough.
 - e) Peptic ulcer
- 4- **Blood borne diseases:** Mention the causative agents and discuss the diagnosis and the treatment of one of them. (3 marks)
- 5- **A young menstruating female experienced sudden onset of fever, diarrhea, vomiting and red rash, plus hypotension with cardiac and renal failure. Onset of the disease was about 5 days from onset of menses. She was using vaginal tampons that were left in place for an extended period. The gram stained film of the isolated organism showed gram positive cocci.**
 - a) What is the most probable diagnosis? (1 mark)
 - b) What is the organism causing this conditions? (1 mark)
 - c) What is the pathogenesis of this disease? (1 mark)

Chairman of the Department
Prof. Mohamed Zakaria Hussein

Oral exam: Wednesday 4/9/2019

At 10:00 am at Microbiology & Immunology Department

GOOD LUCK