

Examination for MD Degree in: Tropical medicine
Course Title: **TROP 9002**
Date:28-2-2018
Term: Feb 2018
Time Allowed:3 hours
Total Assessment Marks:90
Questions Number



Tanta University
Faculty of Medicine
Department of:
Marks _____

Q1 : Give an account on the role of cytokines in chronic liver diseases **20 marks**

Q2 : Discuss the pathology of viral hemorrhagic diseases. **20 marks**

Q3 : Discuss the differential diagnosis of focal liver lesions. **20 marks**

Q4: Give an account on:
a- Phagocytosis.
b- Crohn`s disease. **15 marks each**

Examination Committee
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Public health Examination for master Degree in: tropical medicine

Course Title: TROP8004 Public H 2018

Date: 27 February 2018

Term: first part

Time Allowed: 3 hours

Total Assessment Marks: 30

Number of questions: 6 in two sides



Tanta University
Faculty of Medicine

Department of: public
health & community
medicine

All questions should be attempted

- Question I: Define** (5 marks)
- a- Public health Surveillance? (1 marks)
 - b- Screening/Screening test (2 marks)
 - c- Disease elimination? (1 marks)
 - d- Period of communicability? (1marks)
- Question II: enumerate** (9 marks)
- a- Different types of epidemiological studies (study designs)? (2 marks)
 - b- Causative agents, modes of transmission of brucellosis? (2 marks)
 - c- Persons at risk for rift valley fever. (1.5 marks)
 - d- Mode of transmission for rabies? (2 marks)
 - e- Plasmodium causing malaria? (1.5 marks)
- Question III: discuss** (7 marks)
- a- Preventive measures for dengue fever? (2 marks)
 - b- Accelerated vaccination schedules for hepatitis B? (2 marks)
 - c- The requirements for occurrence of pandemic influenza? (1.5 marks)
 - d- Mode of transmission of Lassa fever? (1.5 marks)
- Question IV: problem solving** (4 marks)
- One of our educational mission employee in South Sudan came to Cairo in vacation. He give history of visiting a friend suffering from **viral hemorrhagic fever** in a health facility in south Sudan 5 days before his travel vacation to Cairo.
- The most probable reservoir for the disease is **the fruit bat** & there was an outbreak of the disease among **monkeys** with a lot of deaths. Several outbreaks occurred among human since discovery of the Sudan species of the virus (in year 1976) with case fatality rate more than 50%.
- As a precaution measure the Egyptian health authority put him under contact tracing.
- a-For how long the health authority trace or supervise him? (1 marks).
 - b-What is the most virulent species of the virus? (1marks)

C-If the affected employee developed disease manifestation, what is your advice regards his sexual relation with his wife? What is the schedule of semen examination after recovery & for how long the virus may persist in his semen? (2 marks)

Question V- MCQs: give one best answer for the following

(0.5 mark each – Total 2.5 marks)

- 1- Risk for chronic hepatitis B disease development for infant infected during the first year of live is:
 - a. About 90%.
 - b. 30 - 50%
 - c. 5 - 25%.
 - d. less than 5%.
- 2- The international incubation period for yellow fever is:
 - a. 5 days.
 - b. 6 days.
 - c. 7 days.
 - d. 15 days
- 3- Congo-Crimean hemorrhagic fever is transmitted by:
 - a. Mosquito.
 - b. Sand-fly.
 - c. Flea.
 - d. Ticks.
- 4- Chemoprophylaxis against cholera is.
 - a. Tetracyclines.
 - b. Vancomycin.
 - c. Suphadiazine.
 - d. Rifampicin.
- 5- One of the following Is Not used for prevention of Typhoid fever:
 - a- Chemoprophylaxis
 - b- TAB vaccine
 - c- Proper waste and sewage disposal.
 - d- Environmental sanitation.

Question VI – True/False: give one best answer for the following

(0.5 mark each – Total 2.5 marks)

1. Mode of transmission of Zika virus by: sexual route ()
2. Anamnestic reaction: It is non-specific stimulation of antibody formation through an obscure mechanism. An individual previously immunized with a particular antigen will show a rise in the specific antibody after giving a different antigen, intercurrent infection or fever. ()
3. Plague is transmitted by rat bite. ()
4. Corona virus (MERS-Cov) reservoir is fruit bats ()
5. Mode of transmission of leishmaniasis is: by bite of Culex mosquito? ()

Good Luck - Prof. Abdelaziz F. Aldeeb