

**Public health Examination for diploma  
Degree in tropical medicine  
COURSE TITLE: TROP7004 PUBLIC H 2018**

**Date:** FEB 2022

**Term:** FIRST PART

**Time Allowed:** 2 hours

**Total Assessment Marks:** 30

**Number of questions:** 4 in 1 page



**Tanta University  
Faculty of Medicine**

**Department of public health  
& community medicine**

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**All questions should be attempted**

**Question I: Define**

**(6 marks)**

- a. Period of infectiousness? (1 mark)
- b. Case fatality rate? (2 marks)
- c. Public health Surveillance? (1 mark)
- d. Natural history of a disease? (2 mark)

**Question II: enumerate**

**(12 marks)**

- a. Causative agents of brucellosis? (2 marks)
- b. Modes of transmission for rabies? (2 marks)
- c. Plasmodium causing malaria? (2 marks)
- d. Enumerate steps of outbreak investigation? (2 marks)
- e. Diseases transmitted by Aedes Egypti mosquito? (2 marks)
- f. Modes of transmission of Ebola viral hemorrhagic fever?(2 marks)

**Question III: discuss**

**(6 marks)**

- a- Preventive measures for seasonal flu? (2 marks)
- b- Immunization (specific prevention) for combating covid-19? (2 marks)
- c- Measures to be taken for expected newborn within a week for a pregnant women infected with hepatitis B hepatitis (2 marks)

**Question IV: mention why**

**(6 marks)**

- a. Chronicity and relapse of typhoid fever? (2 marks)
- b. Polysaccharide meningococcal vaccine group b is non effective?(2 marks)
- c. It is still difficult up to date to have vaccines against hepatitis virus C? (2 marks)

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مع اطيب تمنياتنا بانجاح والتوفيق  
**Prof. Dr. Abdelaziz F. aldeeb**