

FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI

DEPARTMENT OF PUBLIC HEALTH

2018/2019 RAIN SEMESTER POSTGRADUATE EXAMINATION

PUH 810 – PUBLIC HEALTH MICROBIOLOGY & PARASITOLOGY

INSTRUCTION: Answer any four (4) questions. All questions carry equal marks

1. Discuss the life cycle, pathogenesis, clinical features and management of malaria.
2. Describe the general features of filarial nematodes. Discuss the pathology, diagnosis and treatment of onchocerciasis
3. Describe the general features of viral haemorrhagic fevers. Discuss the pathogenesis, epidemiology, treatment, prevention and control of Ebola.
4. Write an essay on the pathogenesis, clinical features and epidemiology of a recently emerged viral infection of immense public health importance characterized by severe immunodeficiency.
5. Describe the clinical syndromes associated with *Escherichia coli* infections. Discuss the laboratory diagnosis and treatment of these infections.
6. Discuss the factors responsible for re-emergence and persistence of tuberculosis as a public health problem. Write an essay on the pathogenesis, diagnosis and treatment of tuberculosis.
7. Classify mycoses on the basis of infected tissue. Discuss the pathogenesis, clinical features, diagnosis and treatment of a named systemic mycosis.
8. The epidemiology of microbial/parasitic diseases of public health importance is affected by changes in climate. Discuss.