

# 2017-18 Academic Pentathlon Science Resource Guide Outline

Section I. Overview of Infectious Disease.....36%

- A. Background
- B. History
- C. Infection-Causing Microbes
- D. Transmission of Infectious Disease
- E. Pathophysiology of Infectious Disease
- F. Treatment and Prevention
- G. Prevention and Public Health

Section II. Malaria .....33%

- A. Overview
- B. History
- C. Epidemiology
- D. Transmission
- E. Biology
- F. Treatment and Prevention
- G. Looking Ahead

Section III. Ebola.....31%

- A. Overview
- B. History
- C. Epidemiology
- D. Transmission
- E. Biology and Pathophysiology
- F. Treatment and Prevention
- G. Outbreak Investigations
- H. Looking Ahead