

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:–

B.Sc. (Intercal)

IHME3004: Infectious Diseases in Developing Countries

COURSE CODE : **IHME3004**

UNIT VALUE : **0.50**

DATE : **15–MAY–06**

TIME : **10.00**

TIME ALLOWED : **3 Hours**

International Health B.Sc. (*Intercal*)

Infectious Diseases in Developing Countries Examination Paper 2006 (IHME3004)

Please answer **THREE** questions only from the following TEN questions listed. Each question on this paper is worth the same number of marks.

1. Discuss the factors that must be present for a disease to be eradicable. Use examples of both vaccine-preventable and non-vaccine-preventable infection to illustrate your discussion.
2. How is water supply related to infectious disease? Discuss modes of disease transmission and appropriate interventions in resource-poor settings.
3. What factors contribute to malaria transmission? What control methods exist and how might they be implemented in areas of differing malaria transmission intensity?
4. Discuss the pros and cons of DOTS programmes for the control of TB in low-income settings.
5. What disease processes constitute major risks in refugee camp settings? What interventions are available to counter them?
6. Compare DOTS and DOTS-HAART as disease control methods. What other interventions are available for reduction of HIV transmission?
7. What are Emerging Diseases? Discuss how agricultural practices can lead to disease emergence.
8. Using GAVI as an example discuss the role of public-private partnerships in the provision of sustainable health interventions in resource-poor settings.
9. Discuss the problems of drug supply in resource-poor settings, considering both acute and chronic conditions. What are the roles of initiatives such as the WHO Essential Drugs Programme and the Green Light Committee?
10. Discuss the concept of "neglected diseases" in terms of disease processes, treatment provision, research and funding in resource-poor settings.