

**UNIVERSITY COLLEGE LONDON**

*University of London*

**EXAMINATION FOR INTERNAL STUDENTS**

*For the following qualifications:-*

*B.Sc.(Intercal)*

**IHME3004: Infectious Diseases in Developing Countries**

COURSE CODE : **IHME3004**

DATE : **27-May-05**

TIME : **10:00**

TIME ALLOWED : **3 hours 0 minutes**

Answer THREE questions. There are eleven questions on this paper.

1. Discuss how changing human interaction with the environment may contribute to patterns of disease in the developing world.
2. Discuss disease eradication in the context of vaccine-preventable disease.
3. Up to 90% of HIV-infected individuals may be unaware of their diagnosis. Discuss appropriate interventions to reduce the burden of HIV in developing countries.
4. Malaria is one of the infections to be targeted in the Millennium Development Goals. Discuss the interventions available to resource-poor nations.
5. Discuss methods of treatment provision for tuberculosis or HIV in the context of a resource-poor country.
6. Is the Green Light Committee (GLC) a typical Public Private Partnership (PPP)? Describe the GLC, discuss the characteristics of this initiative and its similarities and differences with other PPPs.
7. Diarrhoea is a leading cause of childhood mortality in developing countries. Discuss the alternatives available to tackle this problem.
8. The international targets for global TB control under DOTS are based on mathematical models that assume an annual incidence rate of 100 cases per 100,000 population. Discuss the problems inherent in these targets as a guide to policy in the context of differing disease incidences (eg Russia and Sub Saharan Africa) and the limitations posed by current diagnostic methods.
9. The rotavirus vaccine was withdrawn from the market in 1999. Describe the context in which this policy was made, and its relevance for developed and developing countries.
10. How could you explain the dissemination of cholera? Discuss the different factors involved, based on historical and recent epidemics.
11. The new Conservative Party manifesto has announced strict health policies for immigration of people with HIV and TB in order to protect Britain's public health. Do you agree with this? Discuss.

**END OF PAPER**