

Ollscoil na hEireann, Gaillimh

National University of Ireland, Galway

**Examination: 4MB2-Repeat (Fourth Medical Year):
Module: Bacteriology (BR402) 2002**

Professor Peter Hawkey
Professor Martin Cormican
Doctor Geraldine Corbett-Feeney

Time allowed: 3 Hours

Answer five questions

1. Write short notes on three of the following
 - a) Laboratory diagnosis of Urinary Tract Infection
 - b) Prevention of diphtheria
 - c) Viral causes of diarrhoea
 - d) Methicillin/Oxacillin Resistant *Staphylococcus aureus* associated food poisoning
2. Describe the Acquired Immunodeficiency Syndrome (AIDS) with particular reference to aetiology, routes of transmission, the most common associated opportunistic infections and the laboratory diagnosis.
3. Write short notes on three of the following
 - a) *Streptococcus agalactiae* (Group B haemolytic streptococci)
 - b) Wound infection
 - c) Poliomyelitis
 - d) Antimicrobial resistance mechanisms
4. Write an essay on the clinical presentation, diagnosis, treatment and prevention of bacterial meningitis.
5. Write short note on
 - a) Hepatitis C virus
 - b) Mucosal candidiasis
 - c) Rabies
 - d) Diagnosis of malaria
6. List infectious diseases acquired through contact with animals and describe one condition in detail.