

**OLLSCOILL NA hÉIREANN, GAILLIMH
NATIONAL UNIVERSITY OF IRELAND, GALWAY**

**SUMMER EXAMINATION 2001
FIRST YEAR DIPLOMA IN NURSING EXAMINATION**

BIOLOGICAL SCIENCES

**PHARMACOLOGY/BACTERIOLOGY (PM101)
(TOTAL MARKS 220)**

Prof. Martin Cormican
Dr. J. P. Kelly

Please use a separate answer book for each section.

Time Allowed: 2½ hours

**SECTION A: PHARMACOLOGY
(120 MARKS)**

Answer a total of five questions from this section. All questions carry an equal mark.

Write short accounts on **five** of the following:

1. Pharmacokinetic properties of drugs
2. Adverse drug reactions
3. The pharmacological treatment of Epilepsy
4. The pharmacological treatment of Asthma
5. The pharmacological treatment of Depression
6. The pharmacological treatment of Hypertension
7. The pharmacological treatment of Diabetes Mellitus
8. Drugs used in surgery
9. Antibacterial agents
10. Heparin and warfarin

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SECTION B: BACTERIOLOGY
(100 MARKS)

Answer two questions from this section.

1. Write short notes on **four** of the following:
 - (a) Immunisation
 - (b) Bacterial causes of sore throat
 - (c) Urinary Tract Infection
 - (d) Disinfection
 - (e) Miliary tuberculosis
2. Discuss the precautions taken in nursing practice to prevent spread of infection in hospital.
3. Write short notes on **four** of the following.
 - (a) The general approaches available for diagnosis of infection in the laboratory
 - (b) Measures that can be taken to prevent nursing staff acquiring infection due to needle stick injury.
 - (c) Viral and bacterial meningitis
 - (d) Gastroenteritis
 - (e) Human papilloma virus

END