

OLLSCOIL NA hÉIREANN, GAILLIMH
NATIONAL UNIVERSITY OF IRELAND, GALWAY
SUMMER EXAMINATIONS 2000
FIRST YEAR DIPLOMA IN NURSING EXAMINATIONS
BIOLOGICAL SCIENCES (BL188)
BACTERIOLOGY/PATHOLOGY/RADIOLOGY (NU187)
(TOTAL MARKS 120)

Professor D. J. Jefferies
Professor Bocker
Professor M.J. Lee
Dr. M. Cormican
Professor C.E. Connolly
Professor P.A. McCarthy

Time allowed: 1½ Hours

Use a separate answer book for each section i.e. Bacteriology, Pathology, Radiology.

Please answer *two* questions from Bacteriology Section, *one* question from Pathology Section, and *one* question from Radiology Section.

BACTERIOLOGY
(80 Marks)

1. Write short notes on **four** of the following:

- (a) Antibody
- (b) Endogenous and Exogenous Infection
- (c) Mid Stream Urine
- (d) Disinfectant use in hospital
- (e) Bacterial meningitis

2. Write a short essay on **two** of the following:

- (a) Sore throat
- (b) Risks associated with a needle stick injury
- (c) Tuberculosis

3. Write short notes on **four** of the following:

- (a) Chlamydia trachomatis
- (b) Escherichia coli
- (c) Antibiotic associated diarrhoea
- (d) Pin worm
- (e) Normal flora

PATHOLOGY
(20 Marks)

Write short notes on **three** of the following:

- (a) What is the difference between Hyperplasia and Hypertrophy? Give some examples
- (b) What is the difference between acute and chronic inflammation? Give some examples that you know.
- (c) What is a Thrombus?
What factors predispose to thrombosis in the body?
- (d) What is a Neoplasm?
What is the difference between Benign and a Malignant Neoplasm? Give some examples.

RADIOLOGY
(20 Marks)

Answer (a) or (b)

- (a) Describe how you would nurse a patient after a femoral arteriogram.

OR

- (b) What are the dangers of x-radiation?