

Ollscoil na hÉireann, Gaillimh
National University of Ireland, Galway

GX 233 6

Semester II Examinations, 2003/2004

Exam Code(s)	<u>2NU3</u>
Exam(s)	<u>Second Year Diploma in Nursing</u>
Module Code(s)	<u>NU211</u>
Module(s)	<u>Genetics/Pathology/Radiology</u>
Paper No.	<u>1</u>
Repeat Paper	<u>Special Paper</u>
External Examiner(s)	<u>Professor Jim Houghton</u>
Internal Examiner(s)	<u>Professor Charles Connolly</u>
	<u>Professor PeterMc Carthy</u>

Instructions:

Use a separate answer book for each section i.e Genetics, Pathology, Radiology. You are expected to answer **one** question from Section A, **three** questions from section B, and **one** question from section C. Each question carries equal marks.

Duration	<u>2hrs</u>
No. of Answer Books	<u>3</u>

Requirements:

Handout	<u> </u>
MCQ	<u> </u>
Statistical Tables	<u> </u>
Graph Paper	<u> </u>
Log Graph Paper	<u> </u>
Other Material	<u> </u>

No. of Pages	<u>12</u>
Department(s)	<u>Centre for Nursing Studies</u>

Section A

Genetics

1. Write short notes on only **one** of the following:

- (i) Sex linked inheritance
- (ii) Down' syndrome
- (iii) Cystic fibrosis
- (iv) Huntington's disease
- (v) Polygenic inheritance
- (vi) Phenylketonuria

or

2. Write an essay on "Chromosome Abnormalities in the Liveborn"

Section B

Pathology

3. Write notes on **three** of the following:

(a) What is a neoplasm?

What is the difference between a benign and a malignant neoplasm? Give some examples.

(b) Discuss the process of wound healing. What factors delay wound healing?

(c) What is a thrombus? Where does it occur? What is it composed of? What are the effects of a thrombus?

(d) What is the difference between hyperplasia and metaplasia? Give some examples.

Section C

Radiology

4. Answer **either** question (a) or (b)

(a) Describe how you nurse a patient after a femoral arteriogram

or

(b) What are the main dangers in being exposed to radiation from Xray?

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