

Semester II Examinations, 2004/2005

Exam Code(s)	1IC1
Exam(s)	Higher Diploma in Nursing Studies
Module Code(s)	NU142
Module(s)	Intensive Care Nursing 3
Paper No.	
Repeat Paper	Special Paper
External Examiner(s)	Ms Fiona Cunnane
Internal Examiner(s)	Dr Kathy Murphy
	Professor Michael Kane / Dr Karen Doyle
	Ms Frances Farrelly / Ms Christine Sheehan

Instructions:

Please answer a total of three (3) questions. Use a separate answer book for each question.

Some questions are divided into part (a) and part (b).

Please answer part (a) of each question in one booklet and part (b) in a separate booklet.

All questions carry an equal mark. Support your answers with reference to the literature and your clinical practice as appropriate.

Duration	3hrs
No. of Answer Books	

Requirements:

Handout	
MCQ	
Statistical Tables	
Graph Paper	
Log Graph Paper	
Other Material	

No. of Pages	2
Department(s)	Centre for Nursing Studies

Q1. List four management issues pertaining to the daily running of an Intensive Care Unit and discuss how you would deal with these on a day to day basis. **(100%)**

Q2. An 18 year old female has been admitted to the ICU following a probable drug overdose. Her friends report that they found her in a confused state, some hours earlier after a dispute with her boyfriend. Before lapsing into a coma she told them she had taken a large amount of alcohol and some drugs that belong to her father. He is being treated for depression. Her GCS has fallen from 11 to 3, HR is 130bpm and she has twitching movements. On arrival in the ICU she develops a Grand Mal seizure. Her father cannot be found and no tablets were found at the scene. It is now approximately 3 hours since the incident.

Discuss your nursing care and priorities for this patient. **(100%)**

Q3. (a) Discuss the specific immune response. **(30%)**

(b) A 60 year old male is admitted to the ICU from the Oncology ward with a diagnosis of Acute Myeloid Leukaemia for which he is having chemotherapy. On admission he has respiratory distress with neutropenia and sepsis.

Discuss the nursing issues for this patient for the next 24 hours. **(70%)**

Q4. Patrick a 75 year old male had presented to the A&E during the night complaining of severe abdominal pain radiating to the back. A CT scan revealed that he had a dissecting aneurysm and he underwent emergency surgery. His past medical history includes hypertension, coronary artery disease and angina. He has being admitted to the ICU postoperatively.

Discuss his postoperative assessment and the possible complications to be monitored for. **(100%)**

Q5 (a) Discuss the role of the pancreas in blood glucose control. **(30%)**

(b) John a 44 year old male was admitted to the hospital with severe abdominal pain lasting for several days, it is central and radiates to the back. He has a history of cigarette smoking and heavy alcohol consumption. John has recently been on a 3 day binge. His past medical history includes ischaemic heart disease and he takes occasional nitrates and a daily tablet for hypercholesterolemia. John's temperature is now 38.2, HR 128, B/P 90/55 and he is hypoxic with a PaO₂ of 8kPa. John is now being admitted to ICU with a diagnosis of Pancreatitis.

Discuss John's diagnosis and nursing care. **(70%)**