

*National University of Ireland, Galway***Semester II Examinations, 2004/2005**

Exam Code(s)	10R1
Exam(s)	Higher Diploma in Nursing Studies (Orthopaedic Nursing)
Module Code(s)	NU828
Module(s)	Orthopaedic Trauma
Paper No.	1
Repeat Paper	Special Paper
External Examiner(s)	Professor Peter Davis
Internal Examiner(s)	Dr. Kathy Murphy
	Ms. Sinead Haheesy
	Ms. Paula Devitt

**Instructions:****Answer Two Questions.****All questions carry equal marks.****Use a separate answer book for each question.****Please note you are expected to support your answer by referring to relevant literature and clinical practice where appropriate.**

Duration	2 hours
No. of Answer books	2

**Requirements:**

Handout	N/A
MCQ	N/A
Statistical Tables	N/A
Graph Paper	N/A
Log Graph Paper	N/A
Other Material	N/A

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

1. Dan is 27yrs old. He sustained a fracture of the right tibia following a fall from his bicycle.
  - a) With reference to relevant literature, critically discuss the nursing management of acute pain for this client. (50 marks)
  - b) Critically discuss Dan's nursing management in relation to prevention and detection of compartment syndrome. (50 marks)
  
2. 12-year old Tom is admitted with slipped upper femoral epiphysis and the degree of displacement requires surgery in the form of pinning. He is overweight and has a mild learning disability.  
Critically discuss the nursing management for Tom from the following perspectives:
  - a) Post operative pain relief (25%)
  - b) Mobility issues (25%)
  - c) Implications of hospitalisation for a child (25%)
  - d) Health Promotion issues. (25%)
  
3.
  - a) Describe the structure and function of the ankle joint. (15%)
  - b) Outline the immediate specific management of a bimalleolar ankle fracture while awaiting surgery. (30%)
  - c) Write a short note on the pathophysiological process of fracture blister formation highlighting the role of the nurse in prevention of occurrence. (40%)
  - d) Briefly describe the specific complications associated with ankle fracture. (15%)
  
4. James is 36 years old and is admitted to A & E with a crush injury to the pelvis.
  - a) Critically discuss the acute nursing management of this injury. (50%)
  - b) Following application of an external fixator critically discuss 4 complications (specific to pelvic injury) that may occur post operatively. (50%)

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