

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

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| Exam Code(s) | 10R1 |
| Exam(s) | Higher Diploma in Nursing Studies (Orthopaedic Nursing) |
| Module Code(s) | NU829 |
| Module(s) | Orthopaedic Specialities and Rehabilitation |
| 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 Three 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 3 hours

No. of Answer books _____

Requirements:

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|--------------------|-----|
| 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. Mr. Rocke is a 45-year old diabetic who is unemployed and living alone in a second floor apartment. Failure to seek prompt medical attention for gangrene in his toe has resulted in a left below the knee amputation. Currently he is in his second post-operative day and vital signs are stable. His stump is splinted and has a soft dressing and there are no signs of infection. His diabetes is being controlled as per policy. He complains of severe pain and refuses to exercise. He is also refusing to communicate his feelings about his surgery and at times is abusive to staff.

Consider Mr. Rocke's care from the following perspectives:

- a) Critically analyse the effect of pain on normal coping mechanisms. (50%)
 - b) Devise a care plan to involve the client in stump care, noting the sensitivities mentioned above. (50%)
2. Critically discuss the pre-operative assessment phase of treatment for the client presenting with cervical decompression from the following perspectives:
 - a) Psychological care (30%)
 - b) The role of the orthopaedic nurse in the multidisciplinary approach to care for this client. (70%)
 3. Mrs. Molly Brown is 76 yrs of age. Routine pre operative assessment for total hip replacement reveals that she has bony metastases in the lumbar region. Further investigation reveals a primary source of pancreatic cancer. Her elective surgery has been cancelled.
Critically discuss the role of the orthopaedic nurse in devising a multidisciplinary plan of care for Mrs. Brown. (100%)
 4.
 - a) Identify 4 predisposing factors of Carpel Tunnel Syndrome. (20%)
 - b) Critically discuss the immediate post operative nursing management of the client undergoing correction of carpal tunnel syndrome. (80%)
 5. "Rehabilitation is the process of restoring function, regaining function or regaining mobility after or because of an orthopaedic disease, condition or trauma. Rehabilitation consists of definitive measures directed toward lessening the sequelae of a permanent disability," (Mourad, 1991)
Critically discuss the role of the orthopaedic nurse in rehabilitation care.(100%)
 6. Joan, 55 yrs old, is admitted to your unit for the application of an Ilizarov Frame for non-union of a fractured left malleolus. She lives alone on a small dairy farm she looks after by herself.
Critically discuss the role of the Orthopaedic Clinical Nurse Specialist in relation to:
 - a) Pin site management (50%)
 - b) Patient education (50%)