

*Ollscoil na hÉireann, Gaillimh*  
*National University of Ireland, Galway*

GX 2263

**Semester One Examinations, 2003/2004**  
**Front Page Template**

Exam Code(s)	3EV1, 3EV2
Exam(s)	3rd Environmental Science
Module Code(s)	EV302
Module(s)	Environmental Management
Paper No.	1
Repeat Paper	Special Paper
External Examiner(s)	Dr P. D. Moore
Internal Examiner(s)	Dr. M. Gormally

**Instructions:**

Answer **THREE** questions.

Indicate clearly the questions answered on the first page of your answer book.

Duration	2 hrs
No. of Answer books	

**Requirements:**

Handout	
MCQ	
Statistical Tables	
Graph Paper	
Log Graph Paper	
Other Material	

No. of Pages	2
Department(s)	

1. With reference to Knockma Wood, discuss the various management options that could be undertaken to enhance biodiversity of the wood. In your answer, comment on the obstacles that are currently preventing the implementation of conservation management objectives at the site.
2. Describe the effects of grazing and burning on mountain blanket bog. In your answer, comment on the grazing trials currently being undertaken at the Teagasc Hill Sheep Farm in Leenaune and on the importance of studying sheep grazing behaviour as well as determining sustainable stocking densities.
3. Write notes on:
  - (a) Phase I, II and III habitat surveys
  - (b) The advantages and disadvantages of the bracken (*Pteridium aquilinum*) habitat.
4. Discuss the effects of grazing by cattle, sheep and horses and cutting on grassland plant and terrestrial invertebrate communities.
5. "A management plan is a vehicle for recording systematically the characteristics of a site, acknowledging clearly its most valuable aspects and specifying objectives for management of the site which are achieved through proposals and work programmes".

Discuss this statement with reference to the format you would use to write an effective habitat management plan.