

**2006 JAWAHARLAL NEHRU UNIVERSITY**  
IV B.TECH II SEMESTER REGULAR EXAMINATIONS  
**IPR AND MANAGEMENT OF BIO TECHNOLOGY**  
(BIO-TECHNOLOGY)

APRIL 2006

TIME : 3 HOUR  
MARK : 80

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answer any five questions all questions carry equal marks

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1. Define biodiversity? Discuss in detail the causes for loss of biodiversity and how to maintain biodiversity.
2. Describe the structure and functions of ecosystem and explain the relationship between ecosystem function and biodiversity.
3. What are the protected areas? Discuss the National parks and biosphere reserves of India.
4. (a) Discuss Finger printing.  
(b) Write about Approaches for biodiversity assessment and inventory.
5. Write short notes on the following:
  - (a) GATT
  - (b) Species richness
  - (c) Ecological Niche
  - (d) Trade secrets.
6. What is genetic diversity? Discuss the intra specific genetic diversity.
7. What are the various major National and International conventions on biodiversity and their outcome.
8. Discuss the Intellectual Property Rights and how to protect them.