

1129

**B.Sc. (Hons.) Bio-Informatics**  
**Fifth Semester**  
**BIN-5003: Biosafety and IPR**

**Time allowed: 3 Hours****Max. Marks: 60**

**NOTE:** Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Answer briefly:-

- a) WTO
- b) LMOs
- c) GLPs
- d) Copyright
- e) Biodiversity convention
- f) International Treaty
- g) Innovation
- h) Transfer of Technology

(8x1½)

**UNIT – I**

- II. a) Discuss the concept of Biosafety and the risk assessment issues.  
b) Explain the levels of Biosafety. (2x6)
- III. What are the general principles for the laboratory and environmental biosafety. (12)
- IV. Discuss the risk management in the handling, transport and packaging of GMOs. (12)

**UNIT – II**

- V. Write a note on the process of Patenting and Development. (12)
- VI. a) Explain the need and relevance of TPR.  
b) What is the need for the protection of intellectual property? (2x6)
- VII. a) Write notes on:-
  - a) WIPO treaties
  - b) PatentScope (2x6)

x-x-x