

2022  
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) What is GLP and its importance?
- b) Define Biosafety.
- c) Define multilateral treaties.
- d) What is the difference between treaty and convention?
- e) What are WIPO treaties?
- f) Define copyrights.

(6x2)

**UNIT - I**

- II.
  - a) Discuss the National biosafety policies and law for the protection of environment.
  - b) What are the procedures for risk assessment while handling and packaging of GMO's?
- III.
  - a) Explain the general principles for the laboratory and environmental biosafety.
  - b) Describe the WTO and other international agreements related to biosafety. (6+6)
- IV. Explain the following:-
  - a) The Cartagena protocol on biosafety
  - b) Biosafety and GMOs-Technical and Technological issues

(6+6)

**UNIT - II**

- V.
  - a) Describe the nature of intellectual property? What are the government policies for its protection?
  - b) What are Trademarks? What are their types? Give examples to explain it. (6+6)

P.T.O.



(2)

- VI. a) Why intellectual property rights are important for developing countries?  
b) Give a brief account on Paris convention for protection of Intellectual property. (6+6)
- VII. a) Explain the process of patenting and procedure for Grants of patents.  
b) How licencing is done for transfer of technology. Discuss the scope of patent rights. (6+6)

x-x-x