

2123
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

Q1. Briefly Answer the following:

- a) What is the main aim of the Cartagena Protocol on Biosafety?
- b) Why Risk assessment is important?
- c) What is the DNA walking strategy?
- d) What are GMO products?
- e) Give the steps for risk assessment.
- f) What is Infringement?

(2x6=12)

SECTION –I

Q2. a) What are National biosafety policies and risk assessment issues?

b) What is GLP? Discuss the principles of Laboratory biosafety.

(2x6=12)

Q3. a) Write about the risk management related to GMOs.

b) Describe the Cartagena protocol on biosafety.

(2x6=12)

Q4. a) Explain the risk management methods while packaging and identification of GMOs.

b) Explain the WTO and other international agreements related to biosafety.

(2x6=12)

SECTION –II

Q5. a) Define IPR. Explain its meaning and need. How International treaties are helpful for the protection of IP?

b) What do you know about the nature of Intellectual Property and Geographical indications

(2x6=12)

Q6. a) Explain what you know about Patent information and databases.

b) What do you know about Patenting under Pct? What is the scope of Patent rights?

(2x6=12)

Q7. a) Discuss the procedure for the Grant of a Patent In India.

b) What do you know about the Biodiversity Convention and TRIPS? Discuss.

(2x6=12)

x-x-x