

No. of Printed Pages : 03

Roll No.

AA-227

M. Tech. EXAMINATION, May 2017

(First Semester)

(B. Scheme) (Re-appear Only)

(BT)

BT-525-B

IPR and Biosafety Issues in Biotechnology

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(2-01) M-AA-227

P.T.O.

Unit I

1. Suppose you have developed an GMO, describe the mode of protection and use of GMO with reference to climate change. **15**
2. What do you understand by IPR ? What are different types of which IPR can be protected ? **15**

Unit II

3. Discuss in detail about the Indian Patent Act, 1970 and its recent amendments. **15**
4. Write notes on the following :
 - (a) Prior art and invention
 - (b) Role of country patent office in patent filing and granting. **5+10=15**

Unit III

5. Discuss in detail about the mode of patent application in US and Europe. **15**

6. Describe the implication of patent infringement by considering the case-study of line-organism-patenting. **15**

Unit IV

7. What is Biological safety and the biological safety be maintained in labs and industry level ? **15**
8. Write notes on the following :
 - (a) Biological safety assessment
 - (b) Cartagena-protocol on biosafety-issues
 - (c) Primary and secondary containment. **5×3=15**