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(20516)

Roll No.

B. Sc. (Micro.)-III Year

3515

B. Sc. (Micro.) (Hons.) Examination, May 2016

Biosafety & Bioethics

(B-312)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. What is genetically engineered insulin? Discuss the risk assessment regarding the genetically engineered insulin. 10

2. Explain the objectives and guidelines of genetically engineered products and discuss the role of regulation. 10

(2)

3. Write short notes on the following :
(i) Biosafety levels 5
(ii) Bioethics and guidelines. 5
4. What are patents ? Briefly describe the various requirements and the process of award a patent. 10
5. Write notes on the following :
(i) Risk assessment for planned introduction 5
(ii) Role of International Biosafety Committee. 5
6. Why and how are genetically engineered microorganism regulated, those are designed to be released into the environment? 10