

NS-3480 (CV-II)

B.Sc. Bio-Technology Examination,

June-2021

Biosafety Guidelines Intellectual

Property rights and Entrepreneurship

Development

(B-308)

B.Sc. (Bio-Tech.)

Time : 1½ Hours] [Maximum Marks : 75

Note : Attempt any **two** questions. **All** questions carry equal marks.

1. What is Biosafety? Discuss in detail about Cartagena Protocol on Biosafety.
2. What are the consequences of release of

GMOs on the environment. Discuss the pros and cons of GMOs.

3. Write short notes on the following :
 - (i) TRIPS
 - (ii) Advance Informed Agreement (AIA) Procedure
 - (iii) Plant Variety Rights
4. Issues and challenges in the patenting of Living Organisms.
5. Describe salient features of the prevention of Food Adulteration Act.
6. Write short notes on the following :
 - (i) Recombinant DNA Advisory Committee (RDAC)

P.T.O.

- (ii) Food Safety and Standards Bill
 - (iii) National Environment Policy
7. Discuss about Patent Co-operation Treaty (PCT) and its role in International patent filing.
8. Write short notes on the following :
- (i) Ethical concerns of biotech research and innovation
 - (ii) rDNA technology
 - (iii) Responsibilities of Institutional Biosafety Committee (IBC)
9. Biotechnological inventions and patent laws.

10. What is Biotechnology Entrepreneurship? Suggest as to how to start, manage and lead Biotech Companies.