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BFTFTC 385

**Choice Based Credit System VI Semester B.Sc. Food Technology Degree
Examination, September 2022
(2021-22 Batch Onwards)
BIOETHICS, BIOSAFETY AND IPR**

Time : 3 Hours

Max. Marks : 80

- Note :** 1) Answer **all** questions.
2) Draw neat labelled diagrams **wherever** necessary.

PART – A

I. Answer **any ten** of the following : **(2×10=20)**

- 1) a) Copy right
- b) Patent
- c) TRIPs
- d) IP
- e) Risk groups
- f) GM foods
- g) Ethical conflicts
- h) Biosafety benefits
- i) Scope of bioethics
- j) Issues of access
- k) Bioethical justice
- l) Bioethical benefits.

PART – B

II. Answer **any four full** questions choosing **one full** question from **each** Unit.

UNIT – I

- 2) a) Write a note on technology and social responsibility. **4**
- b) Discuss on environmental sustainability. **4**
- c) Explain principles of bioethics and human rights. **7**

OR

P.T.O.



- 3) a) Comment on morality and ethics. **3**
b) Write a note on technology in international relations. **5**
c) Explain public acceptance of modern technology and products. **7**

UNIT – II

- 4) a) Explain the risks and benefits of food biotechnology. **4**
b) Describe assessment of biological hazards. **4**
c) Explain biosafety concerns at the levels of country and the world. **7**

OR

- 5) a) Write a note on biosafety concepts. **3**
b) Discuss on unequal distribution of risks. **5**
c) Explain biosafety assessment procedures in India and abroad. **7**

UNIT – III

- 6) a) Write a note on difference between hazard and risk. **4**
b) Briefly comment on biosafety assessment procedures for biotech foods. **4**
c) Explain IPR on international scenario. **7**

OR

- 7) a) List out the principles of IP. **3**
b) Describe biosafety case studies of relevance. **5**
c) Explain different biosafety levels and protocols. **7**

UNIT – IV

- 8) a) Explain infringement – compulsory license. **4**
b) Write a note on WTO and economic development. **4**
c) Explain on convention on biological diversity and ITPGRFA. **7**

OR

- 9) a) Write a note on GATT. **3**
b) Briefly explain patenting biological invention. **5**
c) Explain on patent procedures. **7**
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