

Roll No. ....

**94171**

**B. Sc. (Bio-Technology) 6th Semester  
(New Scheme) Examination – May, 2023**

**I.P.R. ENTREPRENEURSHIP BIO ETHICS & BIO  
SAFETY**

**Paper : BT-601**

*Time : Three hours ]*

*[ Maximum Marks : 40*

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

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*Note : Attempt five questions in all. Question No. 1 is compulsory and attempts any four questions selecting one question from each Unit. All questions carry equal marks.*

1. Write the short notes on following : 1 × 8 = 8

- (a) Legal Right
- (b) License
- (c) Bio-business
- (d) Advertisement
- (e) Euthanasia

- (f) Animal experimentation
- (g) Pathogen
- (h) Bioterrorism agent

### UNIT - I

2. What is the WTO ? Describe the benefits and harm of the WTO in detail. 8
3. Write the notes on any *two* : 4 × 2 = 8
- (a) IPR
  - (b) Procedure of Patent file
  - (c) Role of the patent in biotechnology

### UNIT - II

4. What is the Entrepreneurship ? How does the export potential affect Entrepreneurship ? 8
5. Write the notes on any *two* : 4 × 2 = 8
- (a) Excise duty,
  - (b) Elements of good entrepreneurship
  - (c) Effect of availability of raw material in entrepreneurship

### UNIT – III

6. What is the Bio-ethic ? Write the commentary on the ethical issues against various molecular technologies. 8
7. Requirement of bio-ethics at international level. 8

### UNIT – IV

8. What is Bio-safety ? Why are we required to follow the bio-safety rules ? 8
9. Write the notes on any *two* :  $4 \times 2 = 8$
- (a) Biotechnology & bio-safety
  - (b) Uses of GLP
  - (c) Element of GMP
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