

2003001105020006
EXAMINATION OCTOBER 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
BIOETHICS, BIOSAFETY AND IPR - LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

- 1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination: **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject: **BIOETHICS, BIOSAFETY AND IPR - LEVEL 2**
 - c. Subject Code No: **2003001105020006**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Define/Answer in short Any Four:

8

- (a) Biosafety.
- (b) Eugenics
- (c) Risk assessment.
- (d) Geographical indication
- (e) Pluripotent stem cell.

Q.2 Attempt Any Two:

14

- (a) Describe the Biosafety levels to be followed for working with animals.
- (b) Explain why there is a need of bioethics and biosafety?
- (c) Give ELSI account for drug testing on human volunteers.

Q.3 Explain in detail Any Two:

14

- (a) What is GM food? Mention ELSI issues associated with it.
- (b) What is containment and explain its types.
- (c) How to dispose chemical hazardous waste?

Q.4 Attempt Any Two of the following:

14

- (a) What are IPR? Explain any three types.
- (b) Give details about WTO and TRIPS.
- (c) Mention immunization and first aid for biotech laboratory worker.
