

**GUJARAT NATIONAL LAW UNIVERSITY
GANDHINAGAR**

Course: **Introductory Biology**
Semester- I (Batch: 2022-27)

End Semester Examination: November 2022

Date: 12th Nov, 2022

Duration: 2 hours

Max. Marks: 40

Instructions:

- Read the questions properly and write the answers in the given answer book.
- Do not write anything on the question paper.
- The respective marks for each question are indicated in-line.
- Indicate correct question numbers in front of the answer.
- No questions or clarification can be sought during the exam period, answer as it is, giving reason, if any.
- Draw diagrams (if any) only with a pencil.
- Word limit: for 3 marks- 100 words, for 5 marks 250-300 words.

	Marks
Q.1 Write short note on the followings: a) Epigenetics b) Salmonellosis c) GINA d) Prions e) Bombay phenotype	(3x5= 15)
Q.2 Describe protein synthesis.	(5)
Q.3 Describe the industrial uses of microorganisms.	(5)
Q.4 Discuss the effects of spaceflight on the human body.	(5)
Q.5 What is genetic testing? Briefly discuss the ethical legal issues associated with genetic testing.	(5)
Q.6 Describe the structural aberrations of chromosomes.	(5)
