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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Bio Technology). (Sem.-5)

IPR, ENTREPRENEURSHIP BIOETHICS & BIOSAFETY

Subject Code : BSBT141-18

M.Code : 78352

Date of Examination : 23-12-22

Time : 3 Hrs.

Max. Marks : 40

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

- a. When was WTO established and where is it situated?
- b. What is Intellectual Property right?
- c. Define entrepreneurship.
- d. What is export potential?
- e. Define Bioethics.
- f. What are biosafety levels?
- g. Define GLP.
- h. What is energy input?
- i. GMP is followed in which industries.
- j. What is GI?

SECTION-B

2. Mention the three criteria for Patenting and their importance.
3. What is an IDA? How many IDAs are present in India and what are their names? Which type of organisms is deposited in IDAs?
4. How is product selected and produced?
5. Why is Bioethics necessary in Biotechnology?
6. What is mitigation procedure in Biosafety?

SECTION-C

7. Discuss the Indian patent laws, its major amendments made after TRIPs agreement.
8. How is demand for a product found out in the market? Mention the feasibility of production under constraints of raw material.
9. Discuss all the National and International ethical issues against molecular techniques.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.