

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (BT) (Sem.-4)
INTELLECTUAL PROPRIETARY RIGHTS
BIOETHICS AND BIOSAFETY

Subject Code : BTBT404-18

M.Code : 77589

Date of Examination : 09-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE 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) What are tangible and intangible properties?
- b) What are the three main criteria of patenting?
- c) What is patent infringement?
- d) Define Bioethics?
- e) What is competitive research?
- f) What is EMR?
- g) What is prior art search?
- h) What are bioweapons?
- i) Any two amendments made in Indian Patent law 1970.
- j) Mention two good safety practices in Biotechnology lab.

SECTION-B

2. Mention the Indian patent filing procedure and grant of patent.
3. What is disclosure requirements and its significance?
4. Discuss the major issues for public acceptance in Biotechnology.
5. What is Biosafety clearance House in Cartagena protocol and its significance?
6. Discuss the major GLP standards.

SECTION-C

7. Discuss the Plant biotechnology Patents. Under which patents acts are they protected worldwide and in India?
8. Discuss the challenges faced by Biotechnological industries and research with the help of SWOT analysis.
9. Discuss the ethical issues and implications of biotechnological products and 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.