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Total Number of Pages : 01

B.Tech
PBT7D003

7th Semester Regular Examination 2018-19
ETHICS AND IPR IN BIOTECHNOLOGY

BRANCH : BIOTECH

Time : 3 Hours

Max Marks : 100

Q.CODE : E428

Answer Question No.1 (Part-1) which is compulsory, and any EIGHT from Part-II and any TWO from Part-III.

The figures in the right hand margin indicate marks.

Part- I

Q1 Short Answer Type Questions (Answer All-10) (2 x 10)

- What are USPTO and WIPO?
- What are protected under Copyright?
- Differentiate between a Product Patent and a Process Patent?
- Mention the types of Patents you know in IPR.
- What is industrial design and how it is protected?
- Write the IPs directly and indirectly related to Biotechnology.
- What is HGP?
- What is Trade Secret?
- What are certification marks and collective marks?
- Briefly write the function of GATT.

Part- II

Q2 Focused-Short Answer Type Questions- (Answer Any EIGHT out of TWELVE) (6 x 8)

- Functions of TRIPS and WTO
- Basic requirements for patentable invention
- Patent Registration Process
- Role and Function of Budapest Treaties
- Roles of RCGM and GEAC
- Cartagena protocol
- Write the purpose and function of Trademark
- Ethics in Human cloning
- Significance of GMO in Agriculture
- Doctrine of Fair use
- Impact of Biohazards on the society
- What are the rights covered under Copyright? Elucidate.

Part-III

Long Answer Type Questions (Answer Any TWO out of FOUR)

Q3 What is Patent Infringement? Describe in details the civil and administrative remedies for it. (16)

Q4 Write the Biosafety guidelines of Indian Govt. and also describe the Biosafety levels recommended for infectious Agents and infected Animals (16)

Q5 Explicate the Ethical issues in Clinical trials. Describe the public concerns on Human genome and Transgenic. (8+8)

Q6 Which are the International organizations that work for the protection, development, and safeguarding of IPR? (16)