

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

T2 Examination 2018

B.Tech Biotechnology/BTDD (9th Semester)

COURSE: IPR BIOSAFETY & BIOETHICS

MAX.MARKS:25

COURSE CODE: 13M11BT113

TIME:1HR30 MIN

Q1. New cultivar of Lily plant has been developed in the plant biotechnology lab of JUIT. What are the different ways of generating Intellectual Property rights for it? Explain how you can protect it from infringement? (5) CO1

Q2. Explain the functions and role of the followings :

- a. WTO
- b. TRIPS
- c. Paris Convention
- d. Biodiversity Act (5) CO3

Q3. How innovation process of water filtration by using biological entity can be used for profit generation and which commercialization model will be followed for this new product to be sustained in the market? (3)CO2

Q4. Answer the following questions :

- a) Why the order of authorship and listing of authors is are important in research paper? What might happen if someone listed as author on paper for which he or she did not do any work?
- b) What kind of problems may arise if same kind of that is used in multiple papers in the research literature?
- c) What is bioethics? How do individual decide what is ethical?
- d) Explain plagiarism, self plagiarism and recycling.
- e) Is it ethically acceptable to publish ghostwritten scientific papers? (10)CO4