

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

Make-up Examination-2025

M.Sc BT -3rd Sem (BT)

COURSE CODE(CREDITS): 20MS1MB315 (2)

MAX. MARKS: 25

COURSE NAME: IPR, Bioethics& Biosafety

COURSE INSTRUCTORS: Dr Hemant Sood

MAX. TIME: 1hr 30 min

Note: a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

| | Question | Marks |
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| Q1 | New cultivar of Orchid 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 |
| Q2 | How innovation process of water filtration by using GMO can be used for profit generation and which commercialization model will be followed for this new product to be sustained in the market? | 5 |
| Q3. | Explain the functions and role of the followings : a. WIPO b. Patent Database c. Locarno Agreement d. Biodiversity Act | 5 |
| 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 data is used in multiple papers in the research literature? c) What is bioethics? How Moral and Ethics can be distinguished? d) Explain plagiarism, self plagiarism and recycling. e) Is it ethically acceptable to publish ghostwritten scientific papers? ? | 10 |