

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech-3rd Semester (M Sc BT)

COURSE CODE (CREDITS): 20MSBT531(2)

MAX. MARKS: 15

COURSE NAME: IPR Bioethics & Biosafety

COURSE INSTRUCTORS: Dr Hemant Sood

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. A new rapid protocol was developed for growing the Lily plant in a one-month duration of time in the plant biotechnology lab of JUIT by using genetic engineering. What are the different ways of generating Intellectual Property rights for it? Explain how you can protect it from infringement. (3) CO1

Q2. Explain the process of filling out an application for generating IPR for the followings:

a. Patent for marker phytochemicals

b Industrial Designs for microbial bioreactor (2.5+2.5) CO1&2

Q3. Why do bioethics act as a prerequisite for the intellectual property protection of biotechnological products? Which tools would be utilized for the evaluation and approval of research in the biotechnological aspects? (1.5+1.5)CO2

Q4. Answer the following questions by citing examples : (2+2) CO1

a) Why Trademark needs to be registered under Trademark Act 1999 and how you can carry out the same?

b) What kind of advantages and drawbacks are associated with Provisional and Complete Patent filling?