

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2025

M.Tech-I Semester (BT)

COURSE CODE (CREDITS):18M11BT114

MAX. MARKS: 25

COURSE NAME: PATENTING IN BIOTECH

COURSE INSTRUCTORS: Prof. Gopal Singh Bisht

MAX. TIME: 1 Hour 30 Min

Note: (a) All questions are compulsory.

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

Q.No	Question	Marks
Q1	a) A scientist files a provisional specification for a new vaccine delivery method and presents preliminary results at a conference. Analyze how Section 32 protects the inventor's rights despite public disclosure after filing the provisional specification. b) A startup begins field testing a new drone-based pesticide delivery system in rural areas before filing a patent. Evaluate the implications of public working under Section 31 and recommend a strategy to preserve novelty.	[2.5+2.5]
Q2	ABC's ranking algorithm is a trade secret. It is constantly updated, not disclosed to the public, and only parts of it are known to specific teams. Competitors cannot copy it directly, but its functioning can sometimes be inferred through testing. a) Explain why ABC'S keeps its search algorithm secret instead of patenting it. b) Suppose a former ABC'S engineer joins a rival company and shares part of the algorithm. How does trade secret law apply? c) Propose a framework for ethical use of trade secrets in technology companies.	[1.5+1.5+2]

Q3	A novelist assigns the economic rights of her book to a publisher for 10 years. Later, the publisher prints an edition with a foreword that changes the interpretation of the book. - Compare how the transfer of economic rights differs from the protection of moral rights in this case. Which remedies could novelist seek under copyright law? - Whether authors should be allowed to waive their moral rights fully for commercial benefit? Comment on it.	[3+2]
Q4	- A small business named "Lotus Wellness" registers "lotuswellness.in." Later, "Lotus Herbals," a larger brand, claims trademark infringement. Analyze whether the domain name registration by "Lotus Wellness" infringes on the trademark rights of "Lotus Herbals" - Explain the significance of claims in the patent document. What are the considerations one must take while drafting claims.	[2+3]
Q5	Answer the following questions. - Discuss major statutory differences between Indian, European, and US patent system. - What is the country code of Germany? - Why patent duration is only 20 year not life time?	[2+1+2]]