

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -I EXAMINATION- 2025

M.Tech-I Semester (BT&BI)

COURSE CODE (CREDITS):18M11BT114

MAX. MARKS: 15

COURSE NAME: PATENTING IN BIOTECH

COURSE INSTRUCTORS: Prof. Gopal Singh Bisht

MAX. TIME: 1 Hour

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	Answer the following questions. a) Copyrights are automatic right, explain. b) Which type of invention cannot be patented according to Indian Patent Act 1970? c) What would be the reasons for Inventor to file a request for early publication? d) What are the advantages for inventor of waiting till 18 months for patent publication? e) Patents are often described as negative rights. Why?	[1x5]
Q2	Explain international arrangements are available under the Indian Patent Act for inventors who wish to apply for patent protection in multiple countries?	[2.5]
Q3.	Company A owns a patent for a new water purification technology. Company B wants to manufacture and sell products using this technology. Apply your knowledge and explain what type of legal agreement should be made between Company A and Company B.	[2.5]
Q4.	A startup company develops a patented eco-friendly packaging material. A multinational company offers to buy the patent (assignment). Another option is to grant a 10-year exclusive license with royalty. Evaluate which option (assignment or licensing) is strategically better for the startup.	[2.5]
Q5	A pharmaceutical company files a patent application for a new drug formulation. The examiner raises objections under patentability criterion of the Indian Patents Act, stating that the formulation is only a modified form of a known substance without enhanced efficacy. The company argues that the new formulation improves patient compliance because it is easier to administer. Evaluate whether the examiner's objection is valid. Should the patent be granted or refused? Justify your decision.	[2.5]