

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT
TEST -3 EXAMINATION-2025

Ph.D.- 1st Semester

COURSE CODE(CREDITS): 17P1WGE102 (1)

MAX. MARKS: 35

COURSE NAME: Ethics, Plagiarism & IPR Issues

COURSE INSTRUCTORS: Dr Hemant Sood

MAX. TIME: 2hrs.

Note: a) All questions are compulsory.

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

	Question	Marks
Q1	The case study involves Dr. Chang, a mid-career faculty member, revising and updating a book chapter. During her reading, she came upon a chapter in a major text by Dr. Shawn, a department chair in a leading applied science department, that contained long passages from her previous chapter and also some reported work of other authors without attribution and moreover many co-authors have also mentioned in the chapter without mentioning the contributions. In the case involving Dr. Chang's discovery that Dr. Shawn reproduced her work without attribution. What core principles of research ethics are implicated? What factors may have contributed to Dr. Shawn's unethical behavior, and which ethical frameworks should be applied to guide the response and corrective actions?	3.5+3.5
Q2	How can entrepreneurs strategically leverage innovation to enhance effective entrepreneurship management? What key parameters are essential for launching IP-based SMEs or Start-up, and which aspects of intellectual property management contribute most to their long-term sustainability?	3.5+3.5
Q3	How does the Biodiversity Act address the issue of biopiracy, and to what extent has it been effective in safeguarding traditional knowledge and biological resources? Does the Biodiversity Act provide adequate protection against biopiracy, or are additional legal and institutional measures needed to strengthen resource sovereignty?	3.5+3.5
Q4	How can the design of a hydroponic system such as <i>Organofarm</i> be protected under intellectual property law? Describe the criteria required for design protection. What additional forms of IP can be generated for the same innovation, and how can they be strategically used to commercialize the product? Propose a suitable protection and commercialization strategy. How National IPR Policy 2016 contribute for its implementation?	3.5+3.5
Q5	What are fabrication, falsification, and plagiarism in scientific research, and how do these practices undermine research integrity? Discuss effective strategies and institutional mechanisms for preventing FFP for fair and ethical research.	3.5+3.5