

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2025

M.Tech-I Semester (BT&BI)

COURSE CODE (CREDITS): 3

MAX. MARKS: 15

COURSE NAME: Research Methodology and Ethics

COURSE INSTRUCTORS: GSB & HSD

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	How can you adhere to the professional standards for following research ethics? Examine how does data manipulation and plagiarism threaten the status of research? Explain with a suitable example.	[2+2]
Q2	Which strategy would you use for carrying out a Literature search on the topic of Herbalization in India? How does a systematic Literature review help in exploring the novel problem for research?	[1+2]
Q3.	Why giving citation is important? Differentiate between H index and I 10 index of researcher. Design an appropriate literature matrix for refining a research problem. Give its significance.	[2] [2]
Q4.	Whether identifying gaps in literature is more important than identifying societal needs when formulating a research problem. Give justification	[4]