

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2025

B.Tech-6 Semester (CSE/IT/ECE/CE/BT/BI)

COURSE CODE (CREDITS): 23B1WHS632 (3)

MAX. MARKS: 15

COURSE NAME: History and Philosophy of Science and Technology

COURSE INSTRUCTORS: Dr. Ranjith Kallyani

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	CO	Marks
Q1	Among the four propositions given below, identify the infallible ones. Explain your justification. <ul style="list-style-type: none">• $F=ma$• All bachelors are unmarried.• The Eiffel Tower is in Paris.• $E=mc^2$	CO2	5
Q2	“A method becomes employed only when it is deducible from some subset of other employed methods and accepted theories of the time.” Justify this law using the example of the history of drug trials.	CO4	5
Q3	“A community can take at least three different epistemic stances towards a theory – acceptance, use, and pursuit.” Explain this statement with examples.	CO1	5