

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2025

PhD (PMS)

COURSE CODE (CREDITS): 24B1WPH131 (03)

MAX. MARKS: 25

COURSE NAME: Nanotechnology in Agriculture

COURSE INSTRUCTORS: Ragini Raj Singh

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	Discuss biological approaches to nanomaterial synthesis.	4
Q2	What are the basic basic characterisation techniques of Nanomaterials?	4
Q3	Write a note on benefits of nanoparticles in agriculture.	5
Q4	Discuss the role of nanotechnology in animal production.	4
Q5	How nanomaterials utilized in food processing and preservation.	4
Q6	Multifunctionality of nanomaterial: water purification, waste disposal.	4