JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2026

M.Sc.-III Semester (BT)

COURSE CODE (CREDITS): 20MS1BT314 (02) MAX. MARKS: 15

COURSE NAME: Bioentrepreneurship

COURSE INSTRUCTOR: Dr. Saurabh Bansal MAX. TIME: 1 Hour

Note: *(a) All questions are compulsory.*

Q. No.	Question	Marks
Q1 a)	Define bioentrepreneurship.	1
Q1 b)	What is intrapreneurship? How is it different from Bioentrepreneurship?	2
Q2 a)	Person E is experimenting with a prototype for a mobile health app but hasn't yet registered a company. Person F is diversifying investments across fashion retail, fintech, and agritech simultaneously. Identify which person is a nascent entrepreneur and which is a portfolio entrepreneur.	1
Q2 b)	Person A is a university student with a new idea for a low-cost diagnostic kit but no prior business experience. Person B has just opened their first bakery in a competitive market. Which of the two would you identify as a nascent entrepreneur, and which as a novice entrepreneur?	1
Q2 c)	Person C has previously launched three ventures — one failed, one moderately successful, and one sold profitably — and is now starting a renewable energy startup. Person D owns a chain of restaurants, invests in a logistics company, and is planning to enter the ed-tech sector. Who would be classified as a habitual entrepreneur, and who as a portfolio entrepreneur?	1
Q4	How does demographic shift bring entrepreneurial opportunities in India? Explain it with a suitable example related to Biotechnology.	3
Q5	Which regulatory agencies are involved in the approval and commercialization of biotechnology products in India?	2
Q6	Analyze the role of innovation in entrepreneurship. Distinguish creativity, invention and innovation and relate them to biotechnology ventures.	4