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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

T-1 EXAMINATION- FEB 2019

B. Tech 8th Semester

COURSE CODE: 14B1WBT741

MAX. MARKS: 15

COURSE NAME: Bio-resources and Industrial Products

COURSE CREDITS: 3

MAX. TIME: 1 Hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Use of calculator is allowed.

Q1 Write a short note on the role of Arylsulphatases and Chitinases in soil fertility. (2 marks)

CO I

Q 2 What are the bio-resources of direct and indirect values? Explain with examples. (2 marks) CO II

Q 3 Discuss the role of microbes in combating with environmental pollution? Give the examples of microbes that can degrade explosives and can help clean up oil spills? (3 marks) CO II

Q 4 Write a short note on different scales of bio-resources (3 marks) CO I

Q 5 What are the different classes of microbial bio-resources? Give the example of three antibiotics and their source organisms (5 marks) CO II