

UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

MAKE-UP EXAMINATION- April 2018

B. Tech VIII Semester

COURSE CODE: L-14B1WBT741

MAX. MARKS: 25

COURSE NAME: Bio-Resources & Industrial Products

COURSE CREDITS: 3

MAX. TIME: 1.5Hr

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. XXXXXXXXXXXXXXXXXXXXXXXX*

**Part A: Answer the following questions (1.5 marks each).**

1. What is Cetane Number?
2. Define microbiome
3. Define false alkaloid
4. What is biogenetic isoprene rule
5. Write a note on Biocompost.
6. What are Opportunistic pathogens

**Part A: Answer the following questions (2.5 marks each).**

1. What are the major causes of food spoilage?
2. How does penicillin works?
3. What are the possible roles of alkaloid in plants?
4. What is the difference between pasteurization and sterilization?

**Part B Answer the following. (3.0 marks each)**

1. "Compounds from natural sources play significant roles in modern medicine justify the statement
2. Possible mode of action of probiotics and explain probiotic clinical application in the treatment of Urogenital tract disorder.