

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- October 2017

B.Tech (Biotechnology) 1st Semester

COURSE CODE: 13B11BT111

MAX. MARKS: 25

COURSE NAME: Fundamental Biology

COURSE CREDITS: 3

MAX. TIME: 1.5 Hrs

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

Part A: Answer the following Question (2 Marks).

1. What are the main features of fungi cell?
2. Do photosynthetic fungi exist? How do fungi nourish themselves?
3. What type of reproduction occur in fungi?
4. What is the ecological importance of fungi?
5. What are lichens? How do fungi participate in this ecological interaction?
6. Write a note on porifera.
7. Write down the general characteristic of protista.

Part B: Answer the following question

1. Explain the life cycle of ascomycetes of kingdom fungi (5 marks)
2. Describe the following (a) Chrysophyta (b) Ciliated Protozoa (c) Euglenophyta (6 marks)