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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

T1 Examination September 2018

B.Tech Biotechnology (1st Semester)

COURSE: Fundamental Biology

MAX.MARKS:15

COURSE CODE: 18B11BT111

TIME:1HR

Q1. What do you understand by six kingdom of life? What are the exclusive domains for it and how it is different from the previous kingdom classification (4)

Q2. Explain the functions of followings:

1. Lysosomes
2. Golgi apparatus
3. Cilia
4. Vacuole
5. Cell membrane

(5)

Q3. Distinguish between prokaryotic and eukaryotic cells and draw their diagrams.(3)

Q4. Explain the kingdom Plantae with its classifications. Mention two features of each with examples.(3)