

**B.Sc. 2<sup>nd</sup> Semester (Hons.)**  
**Subject: Botany**  
**Paper: BOT-HC-2016**  
**(Mycology and Phytopathology)**  
**Full marks: 30**

**Write any two assignments**

**Assignment 1** (15)

What is the symbiotic association between fungi and roots of higher plants known as? Explain mentioning its types, significances along with figures?

**Assignment 2** (15)

Write about heterokaryosis and parasexuality. Mention its importance.

**Assignment 3** (15)

How does *Alternaria solani* affect the potato plant? Explain mentioning the symptoms and life cycle with figure.