



# AJEENKYA

## D Y PATIL UNIVERSITY

---

### End Term Examinations (April/May 2019)

**School :** School of Engineering

**Program:** B.Tech. Biotechnology (Medical)

**Course:** Medical Microbiology

**Course Code:** BTE316

**Semester:** VI

**Max Marks:** 40

**Duration (mins) :** 120

---

Note: Attempt all questions.

Q1. What is epidemiology? What is the significance of epidemiological studies? (5)

Q2. Explain Laboratory Diagnostics in HBV Infections. (5)

Q3. a) Explain in detail the various diseases caused by opportunistic fungi. (15)

OR

b) Explain Pathogenesis, diagnosis and therapy of sleeping sickness.

Q4. a) Explain Pathogenesis, structural and genomic organization of HIV. (15)

OR

b) Explain Clinical categories, laboratory diagnostics and therapy of HIV.