

COURSE CODE: **15B1WBT839**

MAX. MARKS: 15

COURSE NAME: **Infectious Diseases**

COURSE CREDITS: 03

MAX. TIME: 1HR

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

1. Explain the followings:- (1 Marks each; CoI and II)
 - a. Differentiate chronic and acute diseases. Give 2 examples of each.
 - b. Define systemic infection and prion.
 - c. What do you understand by antigenic shift and antigenic drift?
 - d. Define pathogenicity and virulence.
2. Describe various immune evasion mechanism used by viruses. (2 Marks; CoII)
3. Why do we need to study disease epidemiology? (3 Marks; CoII)
4. Discuss various strategies that could be used to reduce in the risk of infection. (3 Marks; CoI)
5. Write a note on the disease triangle and discuss in detail its various components. (3 Marks; CoI)