

# School of Biological and Life sciences

Department of Biological and Life Sciences

Mid Term Examination

Exam Date: 01 Oct 2023

Time : 90 Minutes

Marks : 50

## Sem V - C2UC505T - Plant Pathology

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

- 1) Explain the perennation process in plant by suitable diagram. K2 (2)
- 2) Show the layout of the different stages of pathogen spread in plants. K1 (3)
- 3) Illustrate about different sources of survival of pathogen in plant. K2 (4)
- 4) Outline the colonization process of pathogens in plant K2 (6)
- 5) Construct the difference between soil inhabitants and soil invaders . K3 (6)
- 6) Identify the Virulence factors of pathogens. K3 (9)
- 7) Classify the physical barriers of defence system in plant K4 (8)
  
- 8) Examine the role of enzymes on plant related to pathogenicity . K4 (12)

**OR**

Examine the concept of indirect penetration process of infection in plant K4 (12)