

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Module Title: Disease Processes

Module Code: PHOL8001

School: Science

Programme Title: SHERB_8_Y3

Internal Examiner(s): Dr Roy Sleator

Instructions: Answer 2 questions.

All questions carry equal marks.

Duration: 2 hours

Note to Candidates: Please check the Programme Title and the Module Title to ensure that you have received the correct examination paper.
If in doubt please contact an Invigilator.

1. Write an essay on host defences with reference to the innate and adaptive immune response.
2. What determines if an organism is virulent or not?
3. Write a detailed essay on the diseases associated with *Staphylococcus aureus*.
4. Write a detailed essay on *Listeria monocytogenes* food poisoning.