

# United International University

**School of Science and Engineering**

Class Test 1; Year 2022; Semester: Spring

Course: BIO 3105; Title: Biology for Engineers, Section: B

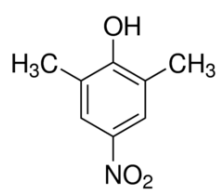


Class Serial:       ; Name:    ; ID:

1. Give a pictorial view of  $\text{CaCO}_3$  dissolved in water. 3 CO1

2. Give Lewis diagram compounds: (i)  $C_4H_6$  and 2 CO1

(ii)



2

3. Give a list of the reasons for which both adhesive and cohesive forces of water are significant. 3 CO1

4. Dinosaurs no longer exist in the world, but cockroaches do. Can you give a reason from a feature of life?

5 CO3

5. Suppose you have a pond where you want to grow fishes. Can you design a biorobot that can potentially help you to reduce the expenditure on manpower? Is that possible to use your expertise in this case? 5 CO3