UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Fourth Semester – Spring 2023

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Roll No	
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Time: 3 Hrs	Marks: 60

Paper: Botany-IV (Plant Physiology and Ecology) Course Code: BOT-203

THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions.

(6x5=30)

- a. Draw water cycle.
- b. What are ecological effects of wind.
- c. Enlist characterictics of Xerophytes.
- d. What is soil structure.
- e. What are commercial applications of Ethylene
- f. What is difference between hydroponics and aeroponics techniques of nutrient solution.

Answer the following questions

(3x10=30)

- Q No.2 Define Succession and its types. Explain succession in water.
- Q No.3 What is glycolysis? Explain its steps in plants.
- Q No.4 Can we grow plants in nutrient solution? What are their types.