



# Daffodil International University

## Department of Agriculture Science

Faculty of Health and Life Sciences

Final Examination Semester: Spring 2026

Course Code: 0821-1101 Course Title: Principles of Weed Science

Level & Term: L-2, T-1

Course Teacher: UHH

Time: 1.5 Hr

Full Marks: 25

“Split answering is strictly prohibited”

|    |                                                                                                                                                                               |                |           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|
| 1. | What is the primary goal of Integrated Weed Management (IWM)? List three advantages of Integrated Weed Management (IWM) and explain how one of them benefits the environment. | (PLO2,CLO2,C2) | (02+03)   |
| 2. | Define weed with harmful effect and give relevant example. List the dimensions of seed dispersal.                                                                             | (PLO1,CLO3,C1) | (02+03)05 |
| 3. | Describe different methods of seed dispersal. How special organs of seeds keep them afloat during seed dispersal through wind.                                                | (PLO2,CLO5,C2) | (02+03)05 |
| 4. | Provide an example of misutilization of Weeds. Explain <u>Climatic Factors</u> of Persistence of Weeds.                                                                       | (PLO3,CLO4,C3) | (02+03)05 |
| 5. | Differentiate between Direct competition and indirect competition of crop weed competition [Describe ways of releasing allelochemicals with examples.]                        | (PLO5,CLO5,C4) | (02+03)05 |