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Daffodil International University
Department of Nutrition and Food Engineering
Faculty of Health and Life Sciences
BSc. in Nutrition and Food Engineering
Final Examination -Spring 2026

Course Code: 0711-3110 **Course Title:** Water and Beverage Technology Practical

Level and Term: L-3, T-1 **Section: 241-B** **Course Teacher Initials: DSAM**

Time: 30 minutes **Total Marks: 40**

Splitting any answer is strictly prohibited

1. Answer the following 20

   a. Explain the calibrate process of a digital pH meter before using it.

   b. Describe the titration procedure for the determination of mineral acidity of water.

   c. State the working principle of the determination of total alkalinity of water

   d. List the apparatus and reagents required for the hardness of water experiment.

2. Identification 10

3. Viva Voce 10