

Daffodil International University, Dept. of CIS

Course Code: CIS133, Section – 23B

1. Explain the purpose of the **Z-index** property in CSS with an example. [5marks]
2. Analyze the differences between **Relative Position** and **Absolute Position** in CSS. Which one is more suitable for positioning a notification badge on an image? Justify your answer. [5marks]
3. A travel agency wants to create a **responsive photo gallery** for its website. Write the HTML and CSS code to design the gallery using the following images: [5 marks]

- beach.jpg
- mountain.jpg
- forest.jpg

The gallery should meet the following requirements:

- Display **3 images in a row** on desktop screens.
- Each image should have a **width of 300px, rounded corners**, and a **box shadow**.
- On mobile devices (screen width **768px or below**), display **1 image per row** using **Media Queries**.