

**Daffodil International University**  
**Faculty of Business and Entrepreneurship**  
**Department of Real Estate**  
**Program: Bachelor of Real Estate (BRE)**

Semester: Spring 2024

Examination: Mid Term

Time: 1:30 Hours

Full Marks: 25

Course Code: URP-302

Course Title: Urban Hazard and Risk Management

Section: A

Faculty: NFM

Answer **all the following** questions:

| SL | Question   | Marks             |
|----|--|-------------------|
| 1  | a) <b>What</b> is the basic difference between “Hazard” and “Disaster”?<br>Explain with an example.<br>b) Briefly <b>explain</b> the three components of Vulnerability.  | 2+3 =5<br>[CLO 1] |
| 2  | What are the four components of a disaster management cycle? Prepare a disaster management cycle for “Flood” and explain its components with relevant examples.  | 5<br>[CLO 1]      |
| 3  | a) <b>What</b> are the necessary climatic conditions to form a cyclone?<br>b) <b>How</b> can we ensure sustainable use of Cyclone Shelters?  | 2+3=5<br>[CLO 2]  |
| 4  | Briefly <b>describe</b> five building construction criteria for cyclone prone areas with diagrams.<br><i>(Note: The five criteria should include- suitable site selection, building shape, building pattern, roof design, doors and windows)</i> | 5<br>[CLO 3]      |
| 5  | a) <b>Illustrate</b> four flood proofing measures through diagrams.<br>b) <b>Compare</b> the pros and cons of both Dry and Wet Flood Proofing.   | 2+3=5<br>[CLO 3]  |