

## Daffodil International University

### Department of CSE

#### Class Test: 2 (summer: 26), Section: 66 L

Course Title: Software Engineering

Time: 40 Minutes

Course Code: CSE315

Marks: 15

**Answer the following questions:**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1. | <p>An e-commerce company wants to develop an online shopping platform. <u>Customers</u> can <del>(browse products)</del> <del>(add items to a cart)</del> <del>(place orders)</del> and <del>(make payments)</del>. <u>Sellers</u> can <del>(add products)</del> <del>(update product information)</del> and <del>(manage inventory)</del>. The system also sends order confirmations and payment notifications.</p> <p>a) Identify the <u>primary</u> and <u>secondary actors</u>.</p> <p>b) Identify the <u>functional</u> and <u>non-functional requirements</u> of the system.</p> <p>c) Draw a Use Case Diagram for the Online Shopping System.</p> <p>d) Write a Use Case Description for Place Order including:</p> <ul style="list-style-type: none"> <li>○ Actor(s)</li> <li>○ Type (Primary/Secondary)</li> <li>○ Preconditions</li> <li>○ Main Flow</li> </ul> | 2+4+5+4 |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|