

**Daffodil International University**  
**Department of Software Engineering**  
**Faculty of Science and Information Technology (FSIT)**  
**Mid-Term Examination, Semester: Fall 2016**

Online quiz

**Course Code: SWE212**

**Course Title: Software Project Management**

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**Total Marks: 15**

**Please answer all following Questions**

**Question 1.**

**Marks**

In a Project you are about to build a new, state-of-the-art multimedia classroom for your organization within the next six months. The classroom should include 20 high-end personal computers with appropriate software for your organization, a network server, Internet access for all machines, an instructor station, and a projection system. Be sure to include personnel costs associated with the project management for this project. Document the assumptions you made in preparing the estimate and provide explanations for key numbers.

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|---------------------------|--------------------|
| 1. Requirement Collection | (predecessor none) |
| 2. Design the Lab         | (predecessor 1)    |
| 3. Planning Procurement   | (predecessor 1)    |
| 4. Select supplier        | (predecessor 2)    |
| 5. Development            | (predecessor 3)    |

Identify/invent 5 more relevant tasks/activities associated to this Project Case. Allocate duration and predecessor to all activities with at least one parallel activity and complete a list of tasks.

**3+2=5**

**Question 2**

Develop a network diagram (PND) for the final list (for 8 tasks) of question 1.

**5**

**Question 3**

Allocate 5 resources with costs for the above tasks and prepare a budget for the given project.

**5**