THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2014/2015
FINAL EXAMINATION
CPU3146: IT PROJECT MANAGEMENT
DURATION: TWO HOURS ONLY (2 HRS)

Date: **18th May 2015** | Time: **1.00 pm – 3.00 pm**

Answer **Four** Questions **Only**.

Q1).

I.

    a. What is a *project?*

    b. What is *project management*?

II. *"Enterprise environmental factors are needed to be considered when conducting a project"*. Discuss your viewpoints on this statement.

III. By using an appropriate example, discuss the difference between *project life cycle* and *product life cycle*.

Q2).

I. *"Project process groups are project phases"*. Comment on this statement.

II. *"The project manager needs all nine project management knowledge areas to work with all project processes"*. Is this a correct statement? Give reasons for your answer.

III. *Project integration management* is one of the most important project management knowledge areas that an IT project manager should have. Briefly describe how it helps for an effective project management.

Q3).

I. Discuss the importance of a good work breakdown structure (WBS) for a project.

II. What would be the result if an IT project has a bad scope management?

III. As a project manager describes the steps, you may follow to develop the resource assignment matrix for a project.

Q4).

I. Briefly describe what *free slack* and *total slack* is.

II. Discuss how free slack and total slack help for project time management.

III. Earned Value Management is used to evaluate the project performance.

    a. What is the main requirement the project needs to fulfill in order to use it?

    b. Briefly describe how Earned Value Management measurements evaluate the project performance.

Q5).

I. How the project manager can get the help of the quality control methods to maintain the quality? Briefly describe by using two (02) methods.

II. Why is it needed to do a stakeholder analysis for project communication management? Give reasons for your answer.

III. *"The greatest threat to many projects is a failure to communicate"*. Comment on this statement.

Q6).

I. Discuss the content of a risk management plan and its importance for a successful project.

II. Discuss the pros and cons of the project tasks outsourcing.

III. Assume you have been assigned the task as a project manager and you want to procure ten laptops for your team members. Briefly describe the steps you may follow to acquire these laptops for the project.